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1896



Annual

CATALOGUE

SEEDS

BULBS, PLANTS,
IMPLEMENTS
&c.

J. Chas. McCullough

North East Corner
Second & Walnut Sts.
CINCINNATI, O.



Suggestions to Our Customers: —



With each order write your **NAME, POST OFFICE, COUNTY and STATE** in full. When Freight Office is different from Post Office, give both. . . .

Send money with order by P. O. Order, Registered Letter, Express Order, or Draft on Cincinnati or New York.

In view of the fact that the Express Companies provide special Low Rates on our shipments, we would respectfully suggest that patrons remit by **Express Money Orders**, which can be obtained at nearly all Express Offices in the United States and Canada.

We do not send goods C. O. D., as everything is plainly priced, and the return charges on the money is an unnecessary expense.

Will be glad to send copies of this or our other Catalogues to your friends, if you will send list of names and addresses.

From those receiving our Catalogue for the first time we solicit a trial order, and whether it is large or small, it shall receive the same prompt and careful attention that we give to orders from regular customers.

Respectfully,

J. Chas. McCullough, **Seedsman,**

NORTH-EAST
CORNER

SECOND AND WALNUT STS.,

(200 and 202 Walnut Street and 102, 104 and 106 E. Second Street.)

Branch Store: **McCULLOUGH SEED CO., 32 West Court Street,** Between VINE AND RACE.



RELIABLE SEEDS FOR 1896

GENERAL LIST

—OF—

TESTED Vegetable Seeds

In the following list will be found the leading varieties of Vegetables, all of which have been thoroughly tested and grown from pure stock.

SEEDS POSTPAID BY MAIL.

We will send by mail, Postage Paid, any of the following list of Vegetable and Flower Seeds; except Peas, Beans, Corn and Field Seeds; for these add 10 cents per pint or 15 cents per quart to pay postage.


SPECIAL OFFER ON SEEDS IN PACKETS ONLY.

6 five cent packets for 25 cents.
14 five cent packets for 50 cents.
30 five cent packets for \$1.00.

ALL PACKETS, UNLESS OTHERWISE MENTIONED, 5 CENTS EACH.

Market Gardeners or other large planters requiring larger quantities of seeds than are here offered are invited to write to us for special prices, particularly purchasers of Peas, Beans, Corn, Onion, Spinach, Cabbage and Turnip. In writing please state plainly whether you are a market gardener, florist, dealer in seeds, etc.

ASPARAGUS (Spargal, Ger.)



To grow Asparagus plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, and in the fall or spring the plants may be set out in beds about a foot apart each way; with the crowns four inches below the surface. Before winter, cover the transplanted beds with four inches of manure, to be followed in the spring by a coating of rough salt of 1 pound to the square yard. The quickest way to obtain a supply is to plant the roots. Two-year-old roots will insure the best and earliest results. One oz. for sixty feet of drill; about 400 plants to oz.

Colossal, a large and rapid grower, 10 cts. per oz.; 25 cts. $\frac{1}{4}$ lb.; 60 cts. 1b.
Palmetto, an improved early variety, vigorous growth and large stalks, 10 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.25 per lb.

ASPARAGUS ROOTS, { **COLOSSAL**, two-year-old roots, — \$1.00 per 100; \$7.00 per 1000.
{ **PALMETTO**, “ “ “ — 1.00 “ 7.50 “
— 1.00 “ 7.50 “

BEANS, (Bohne, Ger.) Dwarf or Bush Varieties.

THE BEAN is a tender plant, and, therefore, should not be planted until danger from frost is past, and then may be planted with success throughout the entire summer in rotation. Sow in open ground, from the end of April to the first of August, in rows two feet apart, and thin from six to eight inches to the row. 1 qt. to 100 feet of drill, 2 bushels to the acre. Add 10 cts. per pint, 15 cts. per quart, if sent by mail.



HENDERSON'S NEW BUSH LIMA.

The New Bush Lima grows without the aid of stakes or poles, in compact bush form, from 15 to 18 inches high, and produces enormous crops of delicious Lima Beans. It is at least two weeks earlier than any of the climbing Limas.

5 cts. per packet; 15 cts. $\frac{1}{2}$ pt. 20 cts. pt. 35 cts. qt.; \$2.00 peck.

Early Long Yellow Six Weeks.—A fine string bean, very prolific; 10 cts. pt. 20 cts. qt. \$1.15 peck.

Early Mohawk.—First early productive and very hardy; 10 cts. pt. 20 cts. qt. \$1.15 peck.

Horticultural Dwarf.—Excellent quality as a Shell Bean, either green or dry, 15c. pt. 25c. qt. Improved Round Pod Red Valentine.—Ten days earlier than ordinary Valentine; 15 cts. pint; 25 cts. quart; \$1.25 peck.

Early Red Valentine.—Round, green pods, early and tender, good for string or pickling; 10 cts. pint; 20 cts. quart; \$1.15 peck.

White Valentine.—Early, tender and fine flavor; 15 cts. pint; 25 cts. quart;

New Golden Wax.—Round, golden, waxy pods; early, prolific, stringless; the finest wax bean; 15 cts. pint; 25 cts. quart;

Black Wax.—Round, wax pods, early, stringless, solid and tender; 15 cts. pint; 25 cts. quart;

White Wax.—An excellent snap bean, also fine for shelling; 15 cts. pint; 25 cts. quart;

Ivory Pod Wax.—Transparent ivory white pods, very early, productive; 15 cts. pint; 25 cts. quart; \$1.50 peck.

Canadian Wonder.—Large, green pods, broad and flat, very prolific; 15 cts. pint; 20 cts. quart; \$1.50 peck.

Refugee.—Hardy, productive, flesh thick and tender, one of the best for pickling; 10 cts. pint; 20 cts. quart; \$1.25 peck.

Best of All.—Early and of superior quality, round, green pods; 15 cts. pint; 25 cts. quart, \$1.50 peck.

White Marrow.—A standard field variety, excellent for shelling; 10 cts. pint, 20 cts. quart, \$1.00 peck.

Navy.—An old standard variety, good for Winter use, 10 cts. pint, 20 cts. quart, \$1.00 peck.

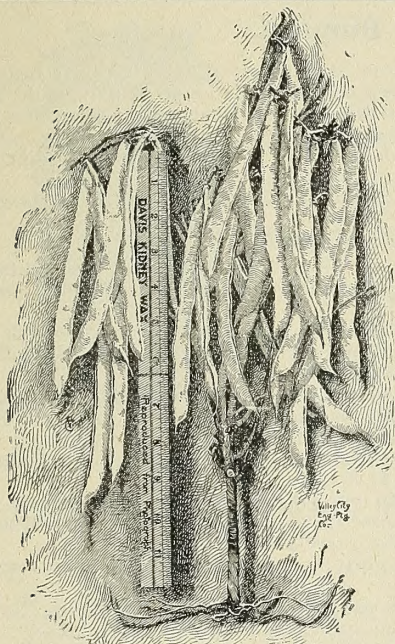
White Kidney.—An excellent shell bean, the best for Winter use, 10 cts. pint, 20 cts. quart, \$1.25 peck.

Turtle Soup, Black.—Used in making mock turtle soup, 15 cts. pint, 25 cts. quart, \$1.50 peck.

Kidney Wax.—Vines, vigorous, hardy and productive. The pods are large, smooth and showy, tender and perfectly stringless, excellent winter shelled sort, 15 cts. pint, 25 cts. quart.



The IMPROVED SANITARY PUMP AND WATER PURIFIER complete for 10 foot Cistern \$6.00, extra Buckets 12 cents per foot. If you want the best, and pure water you will use no other.



DAVIS KIDNEY WAX

The pods are long, straight, oval, clear, waxy white color and handsome, often growing to a length of seven to eight inches, and, when fit for use, are stringless and of fine flavor.

One of the main points of superiority over other sorts is its extreme hardness and shipping qualities. Another good point of merit is the plants produce a very small portion of waste or second quality pods.

There is nothing we can so highly recommend for market gardeners and canners use; and in conclusion may say, that this new Bean is bound to become the most popular and standard wax sort.

The largest cropper, the handsomest pod, the best shipper and market Bean in cultivation, 40c pint, 75c quart.

BURPEE'S BUSH LIMA BEAN

This is a bush form of the well known Large White Lima Bean. It is very fixed in its bush character, growing to a uniform height of about twenty inches. While not so early as Henderson's Bush Lima, its larger size will commend it to many. The pods are of the exact size of the large Pole Limas, and contain as many beans of the same delicious quality. Price, 5c. pkt.; 25c. pint; 40c. quart.

YOSEMITE MAMMOTH WAX BUSH BEAN

The pods frequently attain a length of ten inches, with the thickness of a man's finger. Pods are a rich golden color and absolutely stringless, cooking tender and delicious. Pkt. 5c.; pint, 15c.; quart, 25c. peck, \$2.25.

Curries' Rust Proof Wax Bean

This new Wax Bean is absolutely rust proof. Pods are thicker than the old Wax, and of a better quality, with no approach whatever to stringiness. It is also one of the earliest Wax Beans; very productive, and of great value to market gardeners. 5c. pkt; 15c. pint; 25c. quart; \$1.35 peck.

Challenge Black Wax Bean

Fully one week earlier than any other Wax Bean. Pods are about the same size as the German Wax, but not quite so much curved and are flatter.

Pkt 5c.; pint, 15c.; quart 25c.; peck, \$1.35.

Crystal White Wax Bean

The pods are ivory white, of medium size, round and very fleshy. 15c. pint, 25 cts. quart, \$1.50 peck.

Mexican or Prolific Tree Bean

Grows eighteen inches high, branching like a tree, bearing its pods so high that they do not touch the ground and are not injured by wet weather. 10c. pint; 20c. quart; \$1.00 peck.

BEANS, POLE OR RUNNERS.

HEMPSHIRE—Pole

This is a new variety, and one of the best corn field beans ever introduced. It grows five to six feet high, and the long yellow pods hang in clusters and average five beans to a pod. Is exceedingly fine as a dry bean for winter use. 5c. pkt., 15c. pt.; 25c. qt.; \$1.75 pk.

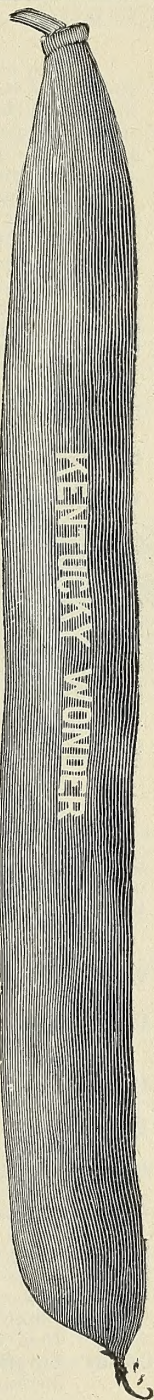
GOLDEN ANDALUSIA—Pole Bean

This new Bean is pronounced as the most valuable Pole Bean ever introduced. The pods are five to six inches long, broad, thick, and entirely stringless. The vines cling well to the poles—a very important feature as, on account of their productiveness, the weight of a vine filled with such a mass of pods is very great. The beans, when dry, are as round as a bullet, pure white, and make an excellent dry bean for winter use.

Packet 5 cents; pint, 20 cts.; quart, 35 cts.

KENTUCKY WONDER

A snap bean of wonderful growth, pods grow in clusters, are nearly a foot long, round and pulpy. This is the favorite corn bean in this section. 20 cts. pint; 35 cts. quart.



BEANS, (Pole or Runners.)

They are more tender, and require rather more care in culture than the bush beans, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form Hills from three to four feet apart; plant five or six beans in each hill, about two inches deep, leaving a space in the center for the pole. Limas will not grow until the weather and ground are warm; if planted they are apt to rot in the ground.

One quart makes 100 to 200 hills, according to size of the beans. 10 to 12 quarts will plant an acre.

Add ten cents per pint, fifteen cents per quart, if sent by mail.

Washington Market Lima.—A new and superior Lima; the pods are very long and contain five large beans of superior quality, an excellent market, sort 20c. pint, 40c. quart, \$2.50 peck.

Extra Large Lima.—The finest flavored of all shell beans, 20c. pint, 35c. quart, \$2.50 peck.

King of the Garden Lima.—A vigorous grower, bearing profusely, the beans are large and of rich flavor, 20 cts. pint, 35 cts. quart, \$2.50 peck.

Tall Black Wax.—Very tender snap bean, with yellow pods, 15c. pint, 30c. quart, \$2.00 peck.

Dutch Case Knife.—Early, productive, good for string or shell beans, 15 cts. pint, 25 cts. quart, \$1.75 peck.

Horticultural (Wren's Egg or Speckled Cranberry).—Earliest and best shell bean, productive and tender, 15 cts. pint, 25 cts. quart, \$1.75 peck.

White Creaseback or Best of All.—A green, pod bean, exceedingly productive, pods five to six inches long, perfectly round, with a crease in the back, stringless, very fleshy, early, and of fine quality, 15 cts. pint, 25 cts. quart, \$1.75 peck.

Southern Prolific.—Long, round pods, produced in clusters, early and prolific, 15 cts. pint, 30 cts. quart, \$2.00 peck.

Cut Short or Corn Hill.—An old and popular variety, much used for planting among corn, excellent as a green shell or dry bean, 15 cts. pint, 30 cts. quart, \$2.00 peck.

Scarlet Runner.—Ornamental variety with bright scarlet flowers, also a good string bean, 20 cts. pint, 40 cts. quart, \$2.75 peck.

Lazy Wife's.—The pods grow from four to six inches long, entirely stringless, and of a rich buttery flavor when cooked. The pods remain green and retain their tender, rich flavor until ripe, excellent shell bean for winter use, 25c. pt., 30c. qt., \$2.75 pk.

Kentucky Wonder.—A snap bean of wonderful growth, pods grow in clusters, are nearly a foot long, round and pulpy, 20 cts. pint, 35 cts. quart, \$2.50 peck.

BEET, (Runkel Rube, Ger.)

Sow as early in spring as the ground can be worked, in light well-manured soil, in drills twelve inches apart, covering the seeds one inch deep and pressing the soil firmly over them. Thin out four inches apart for table beets, and eight to twelve inches for field beets. cultivate frequently. One ounce to sixty feet of drill, five to six pounds to the acre.

Table Varieties.

Edmand's Improved.—Very fine turnip-shaped beet of round form, good size, dark red color, and fine flavor, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 70 cts. lb.

Early Eclipse.—The best and most profitable very early variety of excellent form, dark color and tender quality, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 65 cts. lb.

Egyptian.—Extra early, flat, turnip-shaped, deep red, tender and sweet, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 65 cts. lb.

Early Bassano.—Flat, turnip-shaped, light red, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. lb.

Dewing's Blood Turnip.—Early, blood red, good size, smooth and handsome, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. lb.

Early Blood Turnip.—Early, dark red, well flavored extra, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. lb.

Improved Long Blood.—Excellent late sort, dark and smooth, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. lb.

Swiss Chard.—Cultivated for its leaves only, the middle-ribs of which are cooked like asparagus, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Crosby's Egyptian.—An improved strain of Egyptian Beet in great repute in Boston market. Much thicker than original, quite as early, better color and quality and smoother. Per pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.



It will pay you to try our Goods. Our prices are as low as like quality can afford to be sold.

TRY OUR MIXED SEED FOR THE WILD FLOWER_GARDEN.

SUGAR BEETS AND MANGEL WURZEL,

For Stock Feeding.

Lane's Improved Sugar Beet.—Large, hardy and very productive
10cts. oz. 20 cts. $\frac{1}{4}$ lb. 45 cts. lb.

Silesian Sugar Beet.—Attains a large size and is highly valued for
feeding, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 45 cts. lb.

Golden Tankard Mangel.—Bright yellow, large, handsome, heavy
Cropper, splendid quality, 10 cts. oz. 15 cts. $\frac{1}{4}$ lb. 40 cts. lb.

Mammoth Long Red Mangel.—Very large and productive, 10 cts. oz.
15 cts. $\frac{1}{4}$ lb. 40 cts. lb.

BROCCOLI, (Spargel Kohl, Ger.)

Resembles cauliflower, but hardier. Sow in a hot bed in
May, and transplant to a rich, mellow soil in early July. Thrives
best in a cool, moist atmosphere, and whatever will counteract
the drought of our hot summers, will assist in the perfect develop-
ment of the plants. One ounce to one hundred yards of row

Golden Tankard.

Early White Cape.—Heads Medium, compact, creamy white, 25 cts. oz. 90 cts. $\frac{1}{4}$ lb.

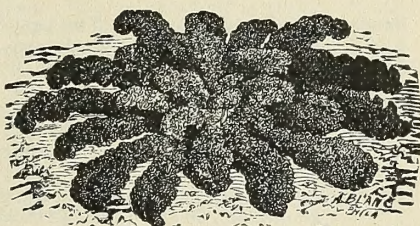
Early Purple Cape.—Greenish-purple heads, hardy, good flavor, 35 cts. oz. 90c. $\frac{1}{4}$ lb.

BORECOLE, or KALE, (Blaetter Kohl, Ger.)

This may be sown in May and transplanted
in the same way as cabbages. They make
very tender and delicious greens in the Fall.
After a touch of frost their tenderness will be
much enhanced. Very hardy, easily grown,
they deserve more general cultivation. One
ounce to one hundred yards of row.

Dwarf German Kale.—Very hardy, a standard
variety, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. lb.

Tall Scotch Curled.—One of the best, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. 80 cts. lb.

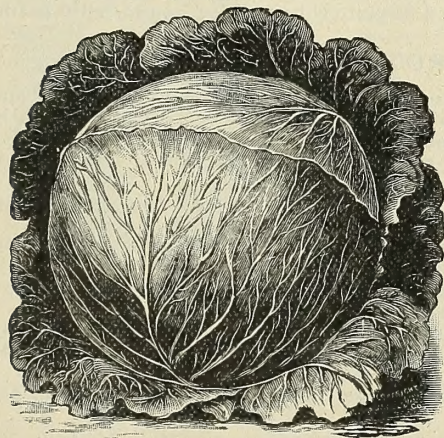


Dwarf German Curled Kale.

BRUSSELS SPROUTS, (Sprossen Kohl, Ger.)

This plant grows two or three feet high, and produces from the sides of the stalk
numerous little sprouts one or two inches in diameter, resembling cabbage. The leaves
should be broken down in the Fall to give the little cabbages more room to grow. They
should in all respects be treated like Winter cabbage.

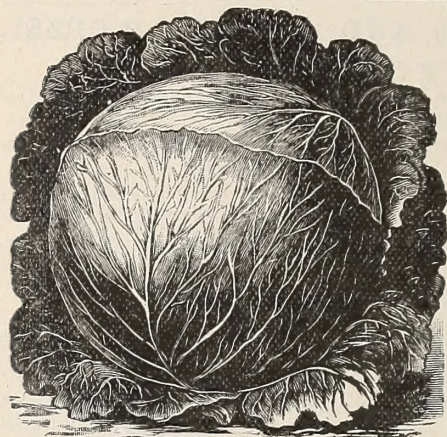
Dwarf Improved.—A variety producing compact sprouts of excellent quality, 25 cts. oz.
60 cts. $\frac{1}{4}$ lb. \$1.75 lb.



CABBAGE, (Weisskopf Kohl, Ger.)

This vegetable requires a deep, rich, mel-
low soil, high manuring, and good culture, in
order to obtain fine, solid heads. For early
use, sow seeds of the early kinds in the hot
bed, or in a box in the house, the last of Janu-
ary or early in February, and transplant them
in the open ground in April, in rows two feet
apart and 18 inches between the plants in the
row; or sow a bed of seed outside as soon as
the soil can be worked, if you do not care for
real early cabbage. These may be transplanted
in about four weeks. For second early cab-
bage, sow in April and transplant in May. For
late cabbage, sow in May and transplant in
July, in rows three feet apart and two feet
apart in the row. In transplanting cabbage or
cauliflower, it is important that the plant is
set down to the first leaf that the stem may
not be injured in case of frost.

OUR ZIG ZAG EVERGREEN SWEET CORN, THE MOST PRO-
DUCTIVE VARIETY KNOWN. DO NOT FAIL TO TRY IT.



EARLY LOUISVILLE DRUMHEAD CABBAGE

Henderson's Early Summer.—The best large early cabbage, globular shape, a popular variety amongst market gardeners, 25 cts. oz., 80 cts. $\frac{1}{4}$ lb., \$2.75 lb.

Early Dwarf York.—Early and fine flavored, 15 cts. oz., 50 cts., $\frac{1}{4}$ lb., \$1.50 lb.

Early Large York.—Early and much larger than the Dwarf York, 15 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

All Seasons.—Early variety, heads large and solid, 25 cts. oz., 80 cts. $\frac{1}{4}$ lb., \$2.75 lb.

Early Dwarf Flat Dutch.—Heads solid, good flavor, an excellent variety, 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

Louisville Early Drumhead (select stock).—Early, heads of very large size and solid, the best and surest heading for all purposes, and will stand the entire summer without bursting; 30 cts. oz., 90 cts. $\frac{1}{4}$ lb., \$3.25 lb.

Premium Flat Dutch (select stock).—Heads large and very solid, they open white and crisp, are tender and well flavored; for the Winter market it has no equal, 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

Fottier's Improved Brunswick.—A rapid grower, has large, solid heads, and but few outside leaves, an excellent second early or late variety, 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

Large Late Drumhead.—Large, solid and tender, an excellent Winter cabbage, 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

Red Dutch.—The old standard variety for pickling, 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

Improved Drumhead Savoy.—The finest flavored Winter cabbage, large, round, solid heads, 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

Louisville Drumhead originated in this market, and is now the principal market variety, and can not be surpassed. Early heads of very large size and very solid, the best and surest heading for all purposes, and will stand without bursting the entire summer. 5c. pkt.; 30c. oz.; 75c. $\frac{1}{4}$ lb.; \$2.50 lb.

All Head Early Cabbage.—The earliest of all Cabbages, at least one week earlier than Summer, and fully one-third larger. Deep, flat heads, remarkably solid in quality, tender, uniform in shape and size, compact growth. All heads are also valuable for a late or Winter cabbage. 5c. pkt.; 30c. oz.; 90c. $\frac{1}{4}$ lb.; \$2.50 lb.

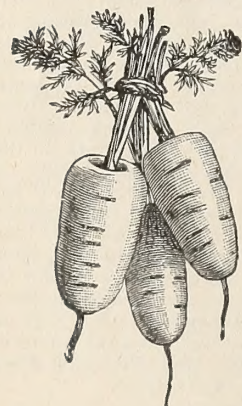
Early Winnigstadt Cabbage.—A well-known and very popular early variety, in size close to the Wakefield; heads large, decidedly conical, leaves bright, green heads solid and hard. 5c. pkt.; 20c. oz.; 60c. $\frac{1}{4}$ lb. \$2.00 lb.

Early Jersey Wakefield.—The best very early variety, conical shape, solid sure heading, 20 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.



Flat Dutch.

CARROT, (Moehren, Ger.)



Half Long Stump Rooted.

The carrot grows best in a light, sandy loam, well manured and cultivated. Sow as early as the ground can be worked, in drills 10 inches apart for the small sorts, and 14 inches apart for the larger kinds, thin out to 5 or 6 inches apart in the rows. One ounce of seed will sow 150 feet of drill, 4 lbs. to the acre.

Early French Forcing.—The earliest variety grown, small, tender, fine quality, 10 cts. oz., 30 cts. $\frac{1}{4}$ lb., \$1.00 lb.

Early Scarlet Horn.—An excellent table sort, fine color and flavor, 10 cts. oz., 30 cts. $\frac{1}{4}$ lb., 90 cts. lb.

Half Long Stump Rooted.—A fine grained table variety, of fair size and good color, 20 cts. oz., 30 cts. $\frac{1}{4}$ lb., 90 cts. lb.

Danver's Half Long.—Farm and color very fine, the most desirable variety for the main crop, productive and keeps well, 10 cts. oz., 30 cts. $\frac{1}{4}$ lb., 90 cts. lb.

Improved Long Orange.—Large, heavy cropper, and excellent keeper, 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 85 cts. lb.

Long Red Altringham.—A standard variety, desirable for field culture, 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.

Large White Belgian.—Large, long rooted variety, valuable for feeding stock, 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.

OUR CABBAGE SEED IS GROWN FROM SELECTED HEADS.

CAULIFLOWER, (Blumenkohl, Ger.)

The culture of cauliflower is similar to cabbage. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seeds in the hot bed in January or February, and transplant the plants two or three inches apart in



Henderson's Snowball Cauliflower.

well-formed heads, 10 cts. packet, 35 cts. $\frac{1}{4}$ oz. \$1.00 oz.

Veitch's Autumn Giant—One of the best late sorts, large, firm and compact, 10 cts. packet, 35 cts. $\frac{1}{4}$ oz. \$1.25 oz.

boxes, until such time as they are safe to be planted in the open ground. Set the plants 2 feet by 18 inches apart. When heading tie the outside leaves loosely over the head to protect it from the sun. One ounce gives 2,000 to 3,000 plants.

Henderson's Early Snowball.—A very early dwarf variety, producing magnificent white heads of the finest quality. Its compact habit of growth renders it a peculiarly profitable variety to force under glass, and it does equally well for late planting, 25 cts. packet \$1.00 $\frac{1}{4}$ oz. \$3.75 oz.

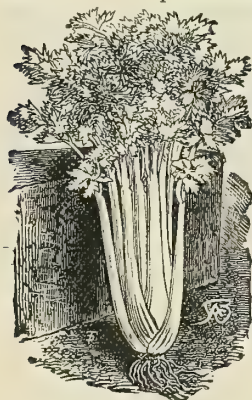
Earliest Dwarf Erfurt.—This is the choicest, heads of the largest size, snowy whiteness, compact and beautiful form, 25 cts. packet, \$1.00 $\frac{1}{4}$ oz., \$3.75 oz.

Early Paris—A good standard variety, 5 cts. packet, 30 cts. $\frac{1}{4}$ oz. \$1.00 oz.

Le Normand—A large late variety, producing

CELERY, (Sellerie, Ger.)

Sow in a hot bed in March, and as soon as the plants are three inches high, transplant into a temporary bed in the open air, 4 inches apart. The plants may remain here till the first of July, and then removed to the trenches. The trenches ought to be a foot wide and deep, and 5 feet apart. Spread a layer of well rotted manure in the bottom of the trench and dig in. Set the plants in the bottom of the trench 6 or 8 inches apart. As they grow, cultivate with the hoe, and gradually earth them up, and by the end of September they will be blanched sufficiently for use. Never earth up while the plants are wet, and be careful not to let the soil get into the heart of the plant. Water carefully in dry weather. One ounce will produce about 4,000 plants.



Golden Self-Blanching

solid, crisp, well flavored, 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.

Golden Self-Blanching—Close, compact perfectly solid, crisp, well-flavored and excellent keeper 30c ts. oz. \$1.00 $\frac{1}{4}$ lb. \$3.50 lb.

Dwarf Golden Heart—Its handsome color, medium size, fine flavor and good keeping qualities render it the leading sort 20 cts. oz. 60c. $\frac{1}{4}$ lb. \$2.00 lb.

White Plume—A crisp, solid variety, with a pleasant, nutty flavor, almost self-blanching, the stocks requiring very little earthing up, very ornamental for the table, 30 cts. oz. 85 cts. $\frac{1}{4}$ lb. \$3.00 lb.

Giant White Solid—Fine, large size, tall, and of stiff growth, 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.

Boston Market—Dwarf-branching habit solid, crisp, well flavored, 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.

Paris Golden Yellow—Close, compact growth, golden yellow color. The stock is solid and crisp and a good keeper; 5 cts. pkt., 25 cts. oz., 40 cts. $\frac{1}{4}$ lb.

Celeriac or Turnip Rooted—The round, solid roots of this variety are used for flavoring. 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.75 lb.

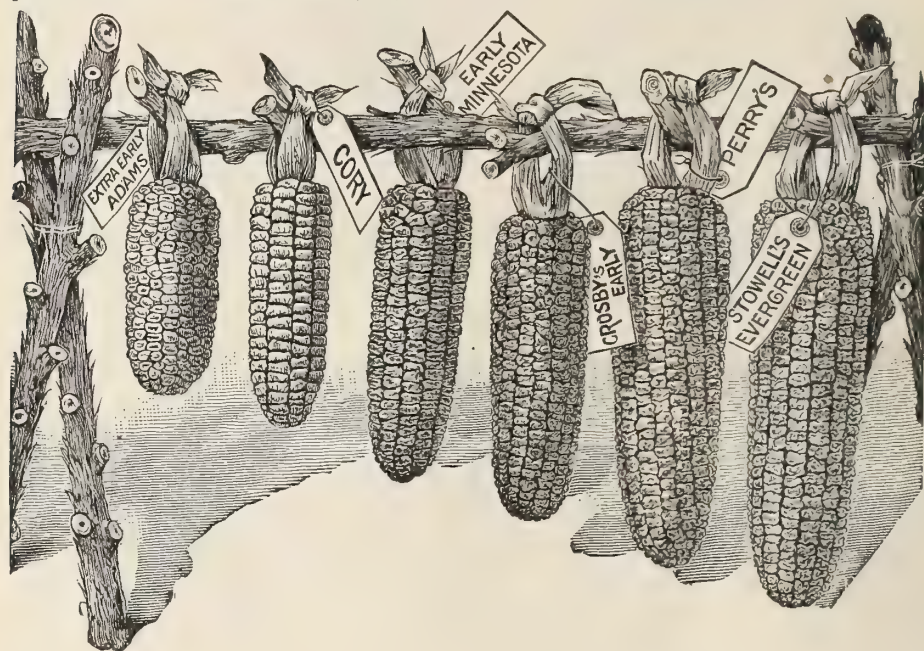


Golden Hearted Dwarf.

WE ARE GROWERS OF VEGETABLE PLANTS, AND HAVE THEM FRESH EVERY DAY IN SEASON.

CORN.—Sweet, (Mais, Ger.)

The planting of corn should be begun as early in April as the weather will permit, and kept up at intervals throughout the season so as to keep up a constant supply. The first planting should be made of the "extra early" sorts, and the last planting of the Improved Evergreen Sugar, and you will not fail to have a constant supply from the middle of June to the middle of October. One quart plants 200 to 300 hills, eight to ten quarts for an acre. **Add ten cents per pint, 15 cents per quart, if sent by mail.**



Extra Early Cory—Second earliest variety in cultivation, producing good sized ears, fine quality and productive, 10 cts. pint, 20 cts. quart, \$1.00 peck.

Extra Early Adams—An old standard white corn, ready for table sixty days after germination, not a sweet corn, 10 cts. pint, 20 cts. quart, \$1.00 peck.

Early Marblehead—Good early corn, medium size, prolific, week later than Corn, 10 cts. pint, 20 cts. quart, \$1.00 peck.

Early Minnesota—An early sort, of dwarf habit, 10 cts. pint, 20 cts. quart, \$1.00 peck

Crosby's Early—One of the finest early sweet corns, productive and of excellent quality, 10 cts. pint, 20 cts. quart, \$1.00 peck.

Moore's Concord—A second-early variety, larger than Crosby, excellent quality, 10 cts. pint, 20 cts. quart, \$1.00 peck.

White Cory—Much the same as the Red Cory with the great advantage of a white cob, 5 cts. package, 10 cts. pint, 20 cts. quart, \$1.15 peck.

Egyptian—A late sort, ripening with Stowell's, largely used for canning, 10 cts. pint, 20 cts. quart, \$1.00 peck.

Perry's Hybrid—Early and of large size, good for market, 10c. pint, 20c. quart, \$1.00 peck.

Stowell's Improved Evergreen—The standard late sort, large ears, sweet, remains long green, 10 cts. pint, 20 cts. quart, \$1.00 peck.

Mammoth Sugar—Large, long, full ears, of excellent flavor, 10c. pint, 20c. quart, \$1.00 peck.

Amber Cream—A rich, sugary and tender medium early variety, deep kernels, of amber color, white when ready for table use, 10 cts. pint, 20 cts. quart, \$1.00 peck.

Our Extra Early Erfurt Cauliflower is the earliest and best in the Market.

TRY OUR SELECT SWEET PEAS, THEY ARE BEAUTIFUL.

ZIG-ZAG EVERGREEN SUGAR CORN.

This new variety of Evergreen Sweet Corn is one of the best for *private use, market gardeners and canners*. It is of extra quality, very sweet and juicy in the green state. It ripens about same time as Stowell's Evergreen, and is superior to that well-known variety in sweetness and flavor. Wherever known it commands a higher price in the market than any other sort. 5c. pkt.; 10c. pint.; 20c. qt.; \$1.00 peck.

COUNTRY GENTLEMAN SUGAR CORN.



Country Gentleman.

and the large ears are produced in abundance. It pops perfectly white, 5 cts. pkt. 10 cts. pint, 20 cts. quart.

We always have in stock a large supply of old corn for popping, and are prepared to fill all orders at market prices.

SWEET CORN FOR FODDER.

There is nothing better for green feed, or curing for winter, than sweet corn. Cattle highly relish it, and when fed on it, keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Also excellent for soiling. Sow thickly in drills or broadcast at the rate of two to three bushels per acre; 50 cents per peck, \$1.50 per bushel, 10 bushel lots, \$1.35 bushel. Subject to market change.

CORN SALAD, (Ackersalat, Ger)

Used as a salad. Sow as early in Spring as the ground can be worked, in drills 12 inches apart, and cover lightly. For Winter and Spring use, sow in September, and Winter over in cold frames.

Large Seeded.—The standard variety, 10 cts. oz. 25 $\frac{1}{4}$ lb. 75 cts. lb.

Small Seeded.—A popular sort, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

NEW PALESTINE, O., December 14, 1893.

DEAR SIRS:—The Country Gentleman Sugar Corn bought of you is the best seller and yielder we ever raised, it sold for more money and more readily than any other corn in the Cincinnati market this last season. I intend to grow no other as a late corn this coming season. It yielded from 1,000 to 1,200 doz per acre, and would have done better in a good season, many stalks having as many as 4 to 5 ears each.

Yours respectfully, EBERSOLE BROS.

FINEST SWEET CORN FOR PRIVATE USE.

The ears of the Country Gentleman corn are of good size and produced in great abundance, bearing three to four good ears to a stalk. When we consider that ordinary sweet corn produces only one or two good ears to a stalk, the superiority of this variety will be quickly seen. The cob is very small, giving great depth to the kernels, which are of pearly whiteness. But the great merit of the **Country Gentleman** Corn is its delicious quality. It is, without doubt, the sweetest and most tender of all sweet corn, and at the same time with ears of good size. 5c. pkt.; 10c. pint; 20c. qt.; \$1.10 peck.

First of All.—Almost a week earlier than the Cory and Dwarf, but of superior quality. It is extremely valuable to grow for the market where the earliest corn always brings the highest price. 5c. pkt.; 15c. pt.; 25c. qt.

SEED POP CORN.

White Pearl.—Our common market variety, 5 cts. packet, 10 cts. pint, 20 cts. quart.

White Rice.—A handsome variety, kernels long and pointed, very prolific, 5 cts. pkt. 10 cts. pint, 20 cts. quart.

Silver Lace.—A strong, growing variety, color, silvery white, 5 cts. packet, 10 cts. pint, 20 cts. qt.

Queen's Golden.—The stalks grow six feet high, 5 cts. pkt. 10 cts. pint, 20 cts. quart.



This Cucumber has proved to be a valuable novelty. It is strong and vigorous, the vines attaining twice the length of common varieties. It is prized for its prolific and hardy qualities, a single vine bearing from 50 to 75 fruits 10 to 12 inches long. The fruit is of a dark green color, has a delicious flavor. The vines are proof against mildew, never suffering from wet weather or insects. Pkt. 5 cts.; oz., 10 cts., $\frac{1}{4}$ lb., 30 cts.

COOL AND CRISP.

This variety is inclined to taper off at the stem end, and is generally a little pointed at the other end also; is the most desirable shape for pickles. At the pickling stage the cucumbers are straight, long, even and slim, of a very dark green color, so dark that it might be almost called "black." The earliest and most prolific of all pickling Cucumbers, and is certain to become a standard sort. While primarily a pickling variety, it is also most useful for slicing, the Cucumbers, when fully matured, being of good size and exceedingly tender and crisp.

CUCUMBERS, (Gurken, Ger.)



Early Cluster.

As soon as the weather becomes settled and warm, plant in hills from four to six feet apart each way, with eight or ten seeds in each hill, cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave three or four plants to the hill. For pickles, plant from the first of June to the first of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. 1 oz. for 50 hills, 1 to 2 lbs. per acre.

Extra Early Russian—The earliest, hardy, prolific, excellent for small pickles, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Early Cluster—A short, prickly variety, bearing in clusters, very prolific, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Early Frame—Early, medium length, good for forcing, 10c. oz. 25c. $\frac{1}{4}$ lb. 75c. lb.

Improved White Spine—Medium length, dark green, crisp, well flavored, prolific. One of the most popular varieties grown. 10c. oz. 25c. $\frac{1}{4}$ lb. 75c. lb.

Improved Long Green—Very popular, late variety, dark green, crisp, tender, and well flavored, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Jersey Pickling—The best variety for pickling, short, straight, dark green, fine quality, great bearer, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Green Prolific—One of the best for pickles, very uniform in growth, extremely productive, and its flavor makes it desirable also for a table variety, 10c. oz. 25c. $\frac{1}{4}$ lb. 75c. lb.

Nichol's Medium Green—An early cucumber, good for forcing or pickles, dark green, crisp, very prolific, straight and smooth, in length between the White Spine and Long Green, a decided acquisition, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

West India Gherkin—A small, green, pickling sort, used for pickling only, 15 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.50. lb.

CRESS OR PEPPER GRASS, (Kresse, Ger.)

Well-known pungent salad, can be used alone or with lettuce. Requires to be sown thickly (curling very slightly), at frequent intervals, to keep up a succession, as it soon runs to seed.

Extra Curled—Fine pungent flavor, extensively used as a salad, 10c. oz. 30c. $\frac{1}{4}$ lb. 75c. lb.

Water Cress—Hardy, aquatic, perennial, growing readily on the banks of streams or ponds, 5 cts packet, 35 cts. oz.



Green Prolific.

SAVE YOUR CROPS BY USING SLUG SHOT.

ENDIVE, (Endivien, Ger.)

Sow in June or July, and transplant eight or ten inches apart in rows fifteen inches apart. Used as a salad, and requires to be blanched by tying the leaves together at the top and placing boards to exclude light. One ounce of seed to 150 feet of drill.

Green Curled—One of the best, dark green, finely curled, 15 cts. oz. 45 cts. $\frac{1}{4}$ lb. \$1.40 lb.

Moss Curled—Beautifully and densely curled, very ornamental, 15c. oz. 50c. $\frac{1}{4}$ lb. \$1.50 lb.

Batavian Broad-Leaved—A large summer variety, very productive, 15c. oz. 55c. $\frac{1}{4}$ lb. \$1.75 lb.

EGG PLANT, (Eierpflanze, Ger.)

Sow seeds in a hot-bed in March in the same manner as tomatoes. As they are very susceptible to cold they should not be transplanted to the open ground until the weather is quite warm. Set the plants two feet apart each way. One ounce of seed will produce one thousand plants.

Long Purple—Early, deep purple, oblong, hardy, productive, excellent, color variable, 25 cts. oz. 75c. $\frac{1}{4}$ lb. \$2.50 lb.

New York Improved—One of the best, very large, fine quality, 5 cts. pkt., 85c. oz., \$1.20 $\frac{1}{4}$ lb.,

KOHL RABI, (Kohl-Rabi, Ger.)

(TURNIP CABBAGE.)

When young and tender they are fine for table use, when matured they will keep well and are excellent for Winter feeding to stock. For early use sow in hot-bed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July in rows 18 inches apart. One ounce of seed for 1,500 plants.

Early White Vienna—Flesh, white and tender, 20 cts. oz. 70 cts. $\frac{1}{4}$ lb. \$2.25 lb.

Early Purple Vienna—An excellent sort, later than the White, 20c. oz. 70c. $\frac{1}{4}$ lb. \$2.25 lb.



New York Improved.

LEEK, (Lauch, Ger.)

The Leek is generally considered superior to the Onion for soups, it is very hardy and easily cultivated. Sow in drills, a foot apart, in April, and transplant in July, in rows fifteen inches apart, and six inches from plant to plant. They should be set five inches deep, in rich, moist soil. One ounce will produce about one thousand plants.

Large Rouen—One of the best, large and broad, of very mild, pleasant flavor, 25 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.

London Broad Flag—Hardy, useful sort for general use, 20 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.50 lb.



Large Rouen.

LETTUCE, (Lettich-Salat, Ger.)

The most used of all salads, is of easy culture, being almost free from all diseases and insects. It requires rich, moist, soil, clean cultivating and plenty of water. This will give the quick growth on which depends its appearance, tenderness and flavor. Sow in a hot-bed in early spring, as soon as the ground can be well worked, transplant in good, rich ground, to rows 18 inches apart, and 8 to 10 inches in the rows. For a later supply, plant every two weeks from the middle of April until July, choosing varieties according to their heat-resistance, and their tendency to remain in condition without seeding. If sown to be cut young, sow thickly in drills or broadcast, but if strong, fine heads are desired, sow in drills one-fourth inch deep, 15 inches apart, and thin, rather than transplant, to 12 inches apart in the rows. One ounce of seed for 2,500 plants.

Buttercup—New variety from Germany, tender and delicate flavor, early, hard-heading, beautiful foliage, good either for summer or winter, 20c. oz. 50c. $\frac{1}{4}$ lb. \$1.50 lb.

Early Curled Silesian—Very early and well-known sort, 15 cts. oz. 35 cts. $\frac{1}{4}$ lb. \$1.00 lb.

Early Prize Head—Very large, crisp, tender, fine flavored, hardy, slow to seed, 20 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.25 lb.

Black Seeded Simpson—Like the ordinary Curled Simpson, it does not properly form a head, but a compact mass of leaves, but differs in being lighter colored, the leaves being almost white, stands the summer heat excellently, and attains a size nearly double that of Curled Simpson, 20 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.25 lb.



Tennisball

- Early Curled Simpson**—Does not head, but forms a compact, close mass of leaves, excellent for forcing, 15 cts. oz. 35 cts. $\frac{1}{4}$ lb. \$1.00 lb.
- Black Seeded Tennis-ball**—Solid, dark-green heads, very hardy, one of the best for out-door growing, crisp and tender, 15 cts. oz., 35 cts. $\frac{1}{4}$ lb. \$1.00 lb.
- White Seeded Tennis-ball**—A fine, early sort, small heads, very hardy, valuable to grow in cold frames in winter, 15 cts. oz. 35 cts. $\frac{1}{4}$ lb. \$1.00 lb.
- Boston Market**—The best forcing head sort. Very compact, and is beautiful white and crisp, 20 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.25 lb.
- Improved Hanson**—A splendid out-door Lettuce, heads very close, solid and large, crisp, tender, sweet, green outside, white within, 20 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.25 lb.
- All the Year Round**—Hardy, heads firm, medium, does not run to seed readily, 20 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.25 lb.
- Paris White Cos**—The best of the Cos varieties, with long, upright leaves, blanches readily when tied up, 20 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.25 lb.
- Cincinnati Market**—The best forcing variety known and a favorite with all gardeners. Large pale green leaves and exceedingly crisp and tender and a shy seeder, 5c. pkt., 25 cts. oz., 90 cts. $\frac{1}{4}$ lb.

MELON, WATER (Wassermelone, Ger.)



Kolb's Gem.

long and smooth and distinctly striped, flesh bright scarlet, a favorite shipping melon in the South, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 70 cts. lb.

Mammoth Ironclad—Of large size and great weight, flesh deep red and of delicious flavor, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Mountain Sweet—Oblong, with dark green skin, flesh very solid and sweet, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 70 cts. lb.

Phinney's Early—Productive, early, and finely flavored, red flesh, 10c. oz. 30c. $\frac{1}{4}$ lb. 90c. lb.

Peerless or Ice Cream—Of medium size, thin rind, light green, flesh scarlet, solid to center, and sweet, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Pride of Georgia—Dark green, oval, a good shipper. If well grown attains a large size. 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 70 cts. lb.

Seminole—This new variety is a most beautiful and attractive one. It is of two distinct colors, gray and light green. Melons of both colors are often found on the same vine, and while of large size, it is very early and productive. One of the principal points in its favor is its excellent quality, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. 90 cts. lb.

The Boss—A handsome, early, oblong variety, nearly the same thickness throughout, skin very dark, flesh deep scarlet, sugary and melting, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

True Dark Icing—Is very solid, rind very thin, highly prized as a shipper, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Light Icing—Solid, always of good flavor, and thin light green rind, 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75c. lb.

Citron—A round, handsome fruit of small size, used for making sweetmeats and preserves, seeds red, flesh white, 10 cts. oz., 30 cts. $\frac{1}{4}$ lb., 75 cts. lb.

Water Melons require the same treatment and soil as described for the Musk Melon, but being more tender, should be given a southern exposure if possible. The hills should be eight feet apart. One ounce for 30 hills, about five pounds for an acre.

Black Spanish—Round, dark green, flesh scarlet, with delicious sweet flavor, 10c. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Cuban Queen—A very fine variety, growing to great size, flesh bright red, very solid and sweet. Enormously productive and an excellent keeper, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Kolb's Gem—Light green, nearly round, averaging thirty to fifty pounds in weight, flesh bright red, rich and sweet, a good shipper, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 70c. lb.

Gipsy or True Georgia Rattlesnake—Very large.

long and smooth and distinctly striped, flesh bright scarlet, a favorite shipping

melon in the South, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 70 cts. lb.

Of large size and great weight, flesh deep red and of delicious flavor,

Oblong, with dark green skin, flesh very solid and sweet, 10 cts. oz.

Productive, early, and finely flavored, red flesh, 10c. oz. 30c. $\frac{1}{4}$ lb. 90c. lb.

Of medium size, thin rind, light green, flesh scarlet, solid to center,

Dark green, oval, a good shipper. If well grown attains a large size.

This new variety is a most beautiful and attractive one. It is of two distinct

Melons of both colors are often found on the same vine, and while of large size,

It is very early and productive. One of the principal points in its favor is its

excellent quality, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. 90 cts. lb.

A handsome, early, oblong variety, nearly the same thickness throughout,

skin very dark, flesh deep scarlet, sugary and melting, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb.

Is very solid, rind very thin, highly prized as a shipper, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb.

Solid, always of good flavor, and thin light green rind, 10 cts. oz., 25 cts. $\frac{1}{4}$ lb.,

A round, handsome fruit of small size, used for making sweetmeats and preserves,

seeds red, flesh white, 10 cts. oz., 30 cts. $\frac{1}{4}$ lb., 75 cts. lb.

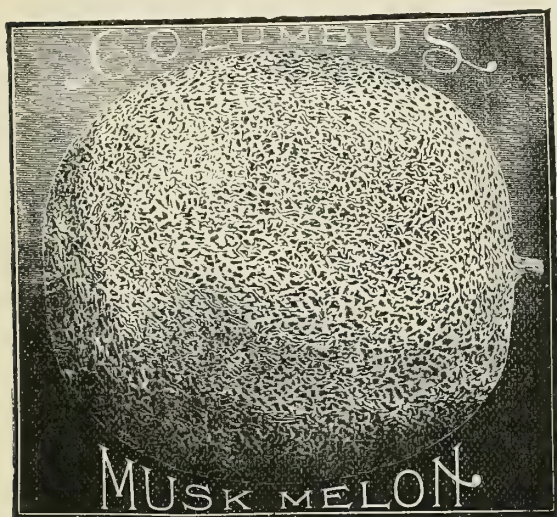
DIXIE WATER MELON.

In this we have a new Water Melon of excellent merits, and we can recommend it to our customers as *best shipping melon* grown; being even *larger, earlier and far more productive* than the Kolb's Gem, which has heretofore been considered the best melon for shipping. It is of a very fine appearance, being much darker than Kolb's Gem and more beautifully striped; it is longer and extremely hardy, while its eating quality is unexcelled, being sweet, juicy and tender. Another very important point is its productiveness, having *six to eight large melons on a vine*.



5c. pkt.; 10c. oz.; 25c. $\frac{1}{4}$ lb.; 90c. 1b.

MELON, MUSK. (Zucker Melone, Ger.)



COLUMBUS MUSK MELON.

The cut herewith, reproduced from a photograph, shows the distinct and attractive appearance, as well as the peculiar netting of this handsome, green-fleshed melon. The skin is a very pretty, bright, glossy yellow color when fully ripe, and is very nearly hidden by the very thick whitish netting. Its green flesh is very deep, leaving only a small seed cavity. The quality is all that can be desired. It never was known to burst open at either end. From the above considerations we are confident this melon will prove to be the greatest acquisition in many years. No lover of a fine, large, luscious Musk Melon can afford to be without it.

5 cts. pkt.; 10 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.10 1b.

EXTRA EARLY HACKENSACK.

Fast becoming the most popular variety with market gardeners. Fruit large, round and netted. Flesh green and deliciously flavored. Very productive indeed and a good shipper. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; 1b. 70c.

EMERALD GEM.

This is one of the most delicious melons we have ever eaten. The melons are of medium size, and of a deep emerald green color. The flesh, which is thicker than in any other melon of the same size, is of a suffused salmon color, almost red, and ripens thoroughly to the extremely thin green rind. It is peculiarly crystalline in appearance, and so very juicy and rich that it almost drops to pieces (like a rich cake) when dipped out with a spoon. The flavor is sweet and luscious beyond description.

Per pkt. 5c.; oz. 10c. $\frac{1}{4}$ lb. 25c.; 1b. 85c.

ACME.

The gardeners' favorite. Slightly oblong and netted. The flesh is light green and thick, and has a rich, sweet flavor. It is a distinct variety, and the best for marketing. Pkt. 5c.; 10c. oz.; 25c. $\frac{1}{4}$ lb.; 85c. 1b.

DELMONICO MUSK MELON.

This melon has given great satisfaction wherever tried. It is an oval melon of large size and deeply netted. The flesh is an orange color of the same fine quality as the Emerald Gem. All lovers of good Canteloupes should try this variety.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; 1b. 80c.

"Your Improved Round Pod, Red Valentine Beans proved all that could be desired in a bush Bean."

MELON, MUSK, (Zucker Melone, Ger.)

A light, rich soil is the most suitable for melons of all kinds. In very rich soil the hills should be 6 feet apart, in poor soil about 5 feet. Before planting the seed, mix about a peck of rotted manure with the soil in each hill. About the middle of May, plant the seeds half an inch deep, 6 or 8 in each hill. When the plants are well up, thin out, leaving 3 to a hill. One ounce of seed to 60 hills, 2 to 3 lbs. for an acre.

Hackensack—Early, large, round, netted, deeply ribbed, flesh green, very sweet and highly flavored, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Jenny Lind—A small, very early variety, round, netted, flesh light green, excellent flavor, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 85 cts. lb.

Orange Christiana—Early, very productive, thick fleshed, melting delicious, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 90 cts. lb.



Silver Netted Nutmeg.

flavored ever grown. One of the the first to ripen, and remarkably productive, for table use this variety stands at the head of the list, 15c. oz. 35c. $\frac{1}{4}$ lb. \$1.00 lb.

Improved Cantaloupe—Flesh light green, very prolific, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Bay View—A large, prolific, fine flavored cantaloupe, luscious, sweet, hardy, and a good shipper, 15 cts. oz. 40 cts. $\frac{1}{4}$ lb. \$1.00 lb.

Casaba or Large Persian—Green flesh, oblong form and large size, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Chicago Market—Round shape, green flesh, fine flavored and very productive, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. \$1.00 lb.

Montreal Market—Very large sort, nearly round, densely netted, deeply ribbed, green-fleshed, thick, and of delicious flavor, a great bearer and very popular, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. 80 cts. lb.

Skillman's Netted—An early sort, roundish-oval flesh deep green, sweet, richly perfumed, delicious flavor, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Silver Netted Nutmeg—An early round variety, green fleshed, delicious flavor, very prolific, one of the best, 10 cts. oz. 40 cts. $\frac{1}{4}$ lb. \$1.15 lb.

Green Nutmeg—Very early, small, round, netted, green-fleshed sort, exceedingly sweet, 10c. oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. lb.

Miller's Cream—A most delicious melon. The flesh is of a rich salmon color, very sweet and melting in quality and very thick. It is a strong grower and productive, 10 cts. oz. 30c. $\frac{1}{4}$ lb. \$1.00 lb.

Vick's Prolific Nutmeg—One of the most deliciously

flavored ever grown. One of the the first to ripen, and remarkably productive,

for table use this variety stands at the head of the list, 15c. oz. 35c. $\frac{1}{4}$ lb. \$1.00 lb.

Improved Cantaloupe—Flesh light green, very prolific, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Bay View—A large, prolific, fine flavored cantaloupe, luscious, sweet, hardy, and a good shipper, 15 cts. oz. 40 cts. $\frac{1}{4}$ lb. \$1.00 lb.

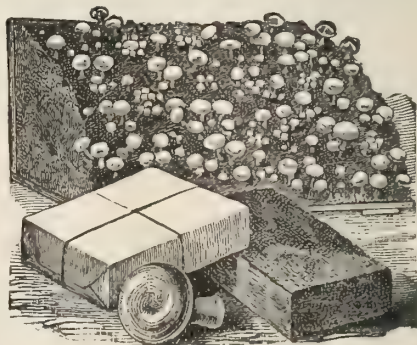
Casaba or Large Persian—Green flesh, oblong form and large size, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Chicago Market—Round shape, green flesh, fine flavored and very productive, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. \$1.00 lb.

Montreal Market—Very large sort, nearly round, densely netted, deeply ribbed, green-fleshed, thick, and of delicious flavor, a great bearer and very popular, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. 80 cts. lb.

MUSHROOM SPAWN.

In preparing a mushroom bed, take three parts fresh stable manure, free from straw, and one part of good pasture soil. Mix thoroughly together, and let it stand until the heat has sunk to about 90°. Make the bed from this mixture about four feet wide, eight inches deep, and any desired length. As soon as the temperature of the bed is about 70° or 80°, the spawn may be inserted in pieces about the size of a walnut, and six inches apart each way. When the spawn is diffused through the whole bed, which will be in about ten days from planting, cover with two inches of fine loam, and press down firmly. Over this place a layer of straw about four inches thick. Do not water unless the surface gets extremely dry, and then only with water at a temperature of 80°. When gathering the crop, twist them off at the roots and do not use a knife. Cover the hole with soil to keep insects away from the root. Mushrooms can be grown in a great variety of situations: under the benches in a green-house, a dark room, cellar, stable or elsewhere. A pound of spawn will plant a space three feet by four.



Mushroom.

English Mill Track Spawn—(in bricks), 15 cts. lb. (mail, 25 cts. lb.) 8 lbs. \$1.00.

We offer for \$52.50 each, a High Grade Brewster Sidebar also Elliptic End Spring Buggy, which cannot be duplicated by others—nothing cheap about them but the price—Remember Durability, Style and Low Price

MUSTARD, (Senf, Ger.)

Sow thickly in drills, eight or ten inches apart, in rich, loamy soil, covering the seeds half an inch deep. When young, the leaves are used in salad, and in a more advanced stage, as greens, in the same way as spinach. Sowing may be made from April to July.

White—The best for salads, the seeds are also used for mixing with pickles and for preserving cider, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 35 cts. lb.

Brown—The mustard of commerce, more pungent than the White for this purpose, 10c. oz. 20 cts. $\frac{1}{4}$ lb. 35 cts. lb.

MARTYNIA.

The seed pods, when pickled green and tender, make excellent pickles. Plant in May in open ground, about 3 feet apart each way.

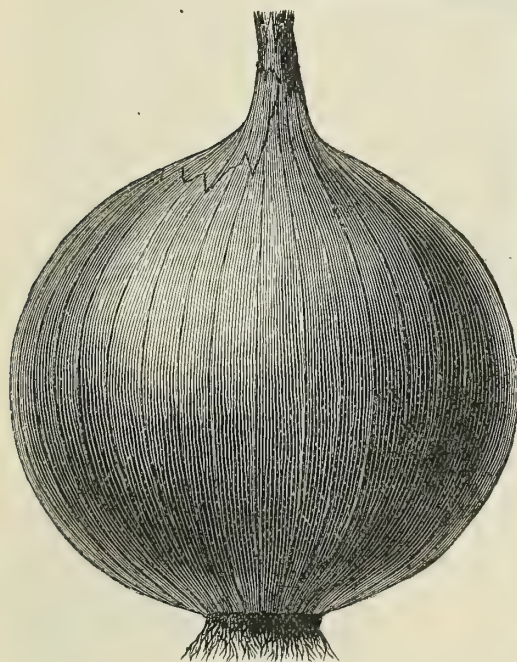
Proboscidea—25 cts. oz.

NASTURTIUM, (Nasturtium, Ger.)

The young seed-pods are much esteemed for capers, making very delicate pickles. The plants are also highly ornamental, and are worthy of a place in the flower-garden for the sake of their brilliant flowers.

Tall Mixed—15 cts. oz. 40 cts. $\frac{1}{4}$ lb. \$1.15 lb. **Dwarf Mixed**—15 cts. oz. 40 cts. $\frac{1}{4}$ lb. \$1.15 lb.

ONION, (Zwiebeln, Ger.)



Danver's Yellow.

A light, loamy soil suits the onion best, and it may be grown for many consecutive years on the same ground. Previous to sowing, the ground should be well manured and deeply plowed. Harrow and rake the surface smooth and even. As early in spring as possible, sow the seed in drills 14 inches apart and half an inch deep, rolling firmly over the seed. A cultivator may be used between the drills, being careful not to throw too much over the crop. Weed the drills very carefully, and never allow the weeds to get ahead of the young plants.

One ounce to 100 feet of drill, 4 to 5 lbs. per acre.

Extra Early Red—A very early variety, of medium size, deep red, mild flavor, largely grown for sets, 20 cts. oz. 50 cts. $\frac{1}{4}$ lb.,

Large Red Wethersfield—Excellent flavor, grows large, hardy and keeps well. 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

Danver's Yellow—Globe shaped, early, with very small neck, large size, fine quality and good keeper, the best for general crop, 20 cts. oz., 50 cts. $\frac{1}{4}$ lb. \$1.50 lb.

Large Yellow Dutch—Favorite old variety, large, round, and excellent keeper, 15 cts. oz., 50 cts. $\frac{1}{4}$ lb. \$1.50 lb.

White Portugal—Early, mild flavored, and excellent for first crop, 30c. oz. \$1.00 $\frac{1}{4}$ lb. \$3.50 lb.

White Globe—This variety yields abundantly, produces, handsome, globe-shaped bulbs, the flesh is firm, fine grained of mild flavor, 20 cts. oz. 65 cts. $\frac{1}{4}$ lb. \$2.50 lb.

Giant Rocca—A mammoth onion, often growing over one pound in weight, flavor excellent, 25 cts. oz., 70 cts. $\frac{1}{4}$ lb., \$2.50 lb.

Giant White Italian Tripoli—(El Paso or Large Mexican).—Of large size and most beautiful form, with fine white skin, 25 cts., oz., 70 cts. $\frac{1}{4}$ lb., \$2.50 lb.

White Queen—Beautiful white skin, the earliest variety, most excellent flavor, and a good keeper, 25 cts. oz., 70 cts. $\frac{1}{4}$ lb., \$2.50 lb.

Mammoth Silver King—One of the largest onions in cultivation, early, shape flat, but very thick, skin, a silvery white, flesh mild, delicate and of snowy whiteness, a handsome and very popular variety, 30 cts. oz. 85 cts. $\frac{1}{4}$ lb. \$3.00 lb.

Onion Sets.

These are valuable for early use, and where onions from seed can not be raised the first year. Plant near the surface in drills 12 inches apart, and four inches in the rows.

Yellow Bottom Sets,	- 20 cts. qt.	Top Sets,	- 20 cts. qt.
Red Bottom Sets,	- 20 cts. qt.	Potato Sets,	- 20 cts. qt.
White Bottom Sets,	- 20 cts. qt.	New White Multiplier Sets,	20c.



OKRA or GUMBO, (Ocker, Ger.)

The young, green seed-pods of this plant, are used in soups, or stewed and served like asparagus. The young pods can also be dried for Winter use.

Improved Dwarf Green—This variety has long, slender pods, very early, productive, and only grows 14 inches high, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

White Velvet—The pods of this variety are round and smooth, and much larger than the common varieties, and are produced in great abundance, 10c. oz. 25c. $\frac{1}{4}$ lb. 75c. lb.

PARSLEY, (Petersilie, Ger.)

Parsley succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in Spring. Sow thickly in rows a foot apart, and half an inch deep. For Winter use, protect in a frame or light cellar. One ounce will sow 150 feet of drill.

Double Curled—A fine dwarf variety, beautifully curled, excellent for garnishing, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 80 cts. lb.

Champion Moss Curled—A very select stock, beautifully crimped and curled, 15 cts. oz. 30 cts. $\frac{1}{4}$ lb. 90 cts. lb.

Plain Leaved—Very strong flavor, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. lb.

PARSNIP, (Pastinake, Ger.)

Sow as early in the Spring as the weather will admit, in drills 15 inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in Fall a certain quantity for Winter use, leaving the rest in the ground until Spring, to be dug up as required. One ounce will sow 200 feet of drill, five pounds to an acre.

Long Sugar—The best for general use, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 60 cts. lb.

Hollow Crown—Good old sort, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 60 cts. lb.

New Maltese—Long, smooth and white, of excellent flavor, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 60 cts. lb.

PEPPER, (Pfeffer, Ger.)

A light, warm loam is the best soil for peppers. Sow in March or April, in a hot-bed, and transplant when the weather is warm. They are quite tender, and will not bear frost. Set the plants fifteen inches apart, and two feet between the rows. One ounce for 1,500 plants.

Golden Dawn—A new variety, very handsome, golden yellow, sweet, mild, and very productive, 25 cts. oz. 90 cts. $\frac{1}{4}$ lb.

Celestial—Another handsome, new pepper, when fully ripe vivid scarlet, very productive, sharp clear flavor, excellent, 30 cts. oz. \$1.00 $\frac{1}{4}$ lb. \$3.00 lb.

Red Chili—Small, cone-shaped, bright red, fiery, 30 cts. oz. \$1.00 $\frac{1}{4}$ lb.

Large Bell or Bull Nose—Large, early, bright red, mild, 25 cts. oz. 80 cts. $\frac{1}{4}$ lb.

Sweet Mountain—A large early sort, mild and excellent, bright red, 25 cts. oz. 90 cts. $\frac{1}{4}$ lb.

Long Red Cayenne—Long, bright red, fiery, 25 cts. oz. 90 cts. $\frac{1}{4}$ lb.

Ruby King—Beautiful, bright red, large fruit and mild, the best pepper for mangoes in cultivation, 30 cts. oz. 90 cts. $\frac{1}{4}$ lb.

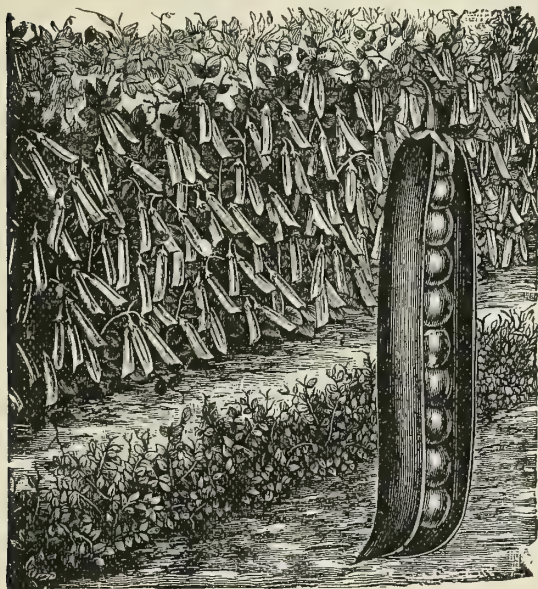


Ruby King.

PEAS, (Erbsen, Ger.)

Peas come earliest to maturity in light, rich soil. For general crop a good dressing should be applied, and for the dwarf-growing kinds the soil can hardly be too rich. Plant the early varieties as soon as the ground can be worked the others in succession from April to June. For private use they are generally sown in double or single rows, in drills, about two feet apart and three inches deep, for the dwarf varieties, three to four feet apart and four inches deep for the taller varieties. Those growing over two and a-half feet in height should be bushed. One quart to 80 feet of drill, $1\frac{1}{2}$ bushel for one acre.

Add 10 cents per pint, 15 cents per quart extra, if sent by mail.



First and Best.

- Tom Thumb**—An old and well-known dwarf sort, height ten inches, 15c. pt. 25c. qt. \$1.50 pk.
American Wonder—A remarkably fine, dwarf wrinkled variety, extra early, requires no bushing, very sweet flavor, height about one foot, 15c. pint, 25c. quart, \$1.50 peck.
Extra Early Premium Gem—An improved Little Gem. Dwarf, prolific, fine flavored, large pods, excellent, either for market or home use, height one and a half feet, 15 cts. pint, 25 cts. quart, \$1.50 peck.
McLean's Little Gem—An early, green marrow of excellent quality, and an abundant bearer, height, one and one-half feet, 15 cts. pint, 25 cts. quart, \$1.40 peck.
Advancer—A finely flavored, green wrinkled marrow, very productive and uniform, we can not recommend this sort to highly, height two and a quarter feet, 15 cts. pint, 25 cts. quart, \$1.40 peck.
Improved Champion of England—One of the best peas grown, unsurpassed in flavor, sweetness and general excellence. Our stock is maintained pure by careful selection, height, five feet, 10 cts. pint, 20 cts. quart, \$1.25 peck.
Stratagem—The best late marrow pea grown, immense pods, splendid flavor, vigorous growth, very popular, height, two and a half feet, 15c. pint, 25c. quart, \$2.00 peck.
Telephone—Green wrinkled, peculiar light shade of green, productive, pods unusually large size, elegant shape, slightly curved, well filled with peas of large size, good quality, height, three and a half feet, 15c. pint, 25c. quart, \$1.75 peck.
Dwarf Blue Imperial—A great bearer and fine flavored, height, three feet, 10 cts. pint, 20 cts. quart, \$1.20 peck.
Yorkshire Hero—A splendid main crop pea, dwarf and branching, very prolific and delicious flavor, height three feet, 15 cts. pint, 25 cts. quart, \$1.50 peck.
Black Eye Marrow—A good late sort for market, hardy, productive, excellent either as a field or table pea. Height, three feet, 10 cts. pint, 15 cts. quart, 90 cts. peck.
Nott's Excelsior—Remarkably hardy and productive and the earliest of all wrinkled peas. It is unsurpassed in size and quality, 20 cts. pint, 35 cts. quart.

First and Best—My selected stock of this fine, standard variety is quite unsurpassed for earliness, productiveness, excellent flavor and size of pod, two feet high, 15c. pt. 25c. qt. \$1.25 pk.

Alaska—One of the earliest and most productive of the very early peas, distinct. Two feet, 15c. pint, 25c. quart, \$1.25 pk.

Maud S—Have a limited supply from original stock, 15 cts. pt. 25 cts. quart, \$1.25 peck.

Rural New Yorker—Extra early, profusely covered with full good sized pods. Height, two and a half feet, 15 cts. pint, 25 cts. quart, \$1.15 peck.

Philadelphia Extra Early—The well-known early variety, height two and a half feet, 10c. pint, 20 cts. quart, \$1.10 peck.

Improved Daniel O'Rourke—Very early, fine cropper, long pods, exquisite flavor, height $2\frac{1}{2}$ feet, 10 cts. pint, 20 cts. quart, \$1.10 peck.

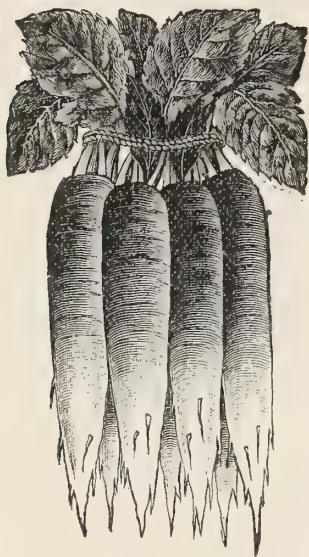
Early Kent or May—A favorite first early variety, 10c. pint, 20c. qt. \$1.10 peck.

- Large White Marrow**—One of the best late sorts, very productive, good flavor, height, five feet, 10 cents pint, 15 cts. quart, 90 cts. peck.
- Tall Gray Sugar (Edible Pods)**—The young pods are used like string beans, very tender, long pods. Height, five feet, 20 cts. pint, 35 cts. quart, \$2.50 peck.
- Burs Everbearing**—Height, 18 inches; a continuous bearing wrinkled variety. The best for late planting; 15 cts. pint, 25 cts. quart, \$1.50 peck.
- Canada Field**—Mostly used as a field crop, 10 cts. quart, 50 cts. peck, \$1.50 bushel. Subject to market change.

PUMPKIN, (Kuerbis, Ger.)

These are usually grown for stock feed, and are generally scattered at intervals in the hills while planting sweet corn. For making pumpkin pies, the squashes are very much superior. One ounce to fifteen hills.

- Large Cheese**—Very superior, productive, fine grained, good flavor, cheese shaped, 10c. oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. lb.
- Cashaw**—One of the largest and best, yellow, solid, good keeper, 10c. oz. 20c. $\frac{1}{4}$ lb. 75c. lb.
- Large Tours or Mammoth**—Grows enormously large, round, flattened, skin salmon, flesh yellow, fine grained, good quality. 10 cts. oz. 30 cts. $\frac{1}{4}$ lb.
- Tennessee Sweet Potato**—An excellent variety for pies, pear shaped, of medium size, flesh and skin creamy white, fine grained, very sweet and delicious, 10c. oz. 35c. $\frac{1}{4}$ lb. \$1.00 lb.
- Kentucky Field**—Good for cooking purposes or for feeding stock, 10c. oz. 15c. $\frac{1}{4}$ lb. 35c. lb.
- Connecticut Field**—The common yellow pumpkin, 10 cts. oz. 15 cts. $\frac{1}{4}$ lb. 35 cts. lb.



RADISH, (Radies, Ger.)

All the varieties thrive best in a light, sandy loam. For early use, sow in the hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be got in order, covering the seed about half an inch deep. Sow every two weeks, from March to September, for a succession, they must grow rapidly to be crisp, mild and tender. One ounce sows 100 feet of drill, 8 to 10 pounds to an acre.

Extra-Early Carmine—One of the handsomest and best of all the extra early radishes, of a rich, dark carmine color. The foliage is short, stiff and extremely small. In 20 to 22 days the crisp, tender little radishes are ready to pull. Its earliness and scarcity of foliage recommend it for forcing, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. \$1.00 lb.

Early Scarlet Turnip—The standard early, short, quick-growing variety, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb., 70 cts. lb.

Early White Turnip—Of mild flavor, excellent for summer use, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb., 70 cts. lb.

Early Long Scarlet Short Top—The standard variety for market and private use, 10c. oz. 25c. $\frac{1}{4}$ lb. 70 cts. lb.

French Breakfast—Form oval, scarlet tipped with white, quick growing and excellent flavor, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Chartier Radish.

Golden Globe—This variety is very popular. It is of a quick growth, tender and brittle, of perfect globe shape, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 70c. lb.

Radish Mixture, all sorts—This is especially adapted to the wants of those having only a small garden, as it contains all of the leading varieties, and will give a succession of fine radishes. Try a package. It will please you. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.

Chartier—Grows to a large size without losing its tenderness; scarlet, tipped with white, long, crisp and tender; 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 70 cts. lb.

Giant White Stuttgart—A quick-growing early sort, largest size, flesh and skin pure white, fine quality; firm and brittle, never gets pithy, 10 cts. oz., 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

White Strasburg—A large, handsome, white variety, of excellent quality; early, 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 70 cts. lb.

Yellow Summer Turnip—Grows to perfection in the hottest summer; 10 cts. oz., 20 cts. $\frac{1}{4}$ lb., 60 cts. lb.

Long White Naples—A handsome, long, clean, white radish, crisp and tender, good for summer use; 10 cts. oz., 30 cts. $\frac{1}{4}$ lb., \$1.00 lb.

Chinese Winter—Popular Winter sort, medium size, bright rose, excellent; 10 cts. oz., 30 cts. $\frac{1}{4}$ lb., \$1.00 lb.

Round Black Spanish—A Winter variety, large, mild and firm, skin black, flesh white; 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.

WE OFFER NOTHING BUT WHAT WE BELIEVE TO BE GOOD.

RHUBARB, (Rhabarber, Ger.)

A deep, rich soil is best for Rhubarb, sow early in drills, 18 inches apart, and 1 inch deep, the Spring following transplant, allowing each plant at least 2 feet square. One ounce for about 800 plants.

Linnaeus—Extra large, tender, 15 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.50 lb.

SALSIFY, (Hafer-wurzel, Ger.)

Commonly called vegetable oyster. Used stewed, boiled or fried. When cooked has an oyster flavor. Sow early in drills 15 inches apart, cover the seed with fine soil, an inch and a half deep. One ounce will sow 50 feet, seven pounds to an acre.

Long White—The standard variety, 15 cts. oz. 50 cts. $\frac{1}{4}$ lb. \$1.50 lb.

Mammoth Sandwich Island—This variety is of enormous size, twice as large as the ordinary sort, very tender and delicious, 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$1.75 lb.

SPINACH. (Spinat, Ger.)



Bloomsdale Savoy.

culent, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 45 cts. lb.

Long Standing—Does not run to seed so readily as the other, 10c. oz. 20c. $\frac{1}{4}$ lb. 45c. lb.

Prickly—Vigorous and hardy, good for winter, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 50 cts. lb.

This is the best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter. One ounce to 100 feet of drill, 10 to 12 lbs. per acre.

Bloomsdale Savoy—Thick, succulent leaves, very productive and hardy, 10c. oz. 20 $\frac{1}{4}$ lb. 50c. lb.

Round Thick Leaf—One of the best for early Spring or Fall Sowing, leaves large, thick and suc-

SQUASH, (Kuerbis, Ger.)

The Squash is of tropical origin, and only succeeds well in a warm temperature, consequently the seeds should not be planted out until the ground is warm and mellow. The hills should be about six feet apart for Winter varieties, and four feet for Summer sorts. Plant a dozen seeds in each hill. Thin out the weakest vines, and when all danger from bugs is past, leave three vigorous vines to the hill. Cultivate well, and keep the ground clear of weeds. One ounce of seed to about forty hills, 4 to 6 pounds to the acre.

Early White Bush or Patty Pan—A scalloped sort, best for early use, 10c. oz. 25c. $\frac{1}{4}$ lb. 70c. lb.

Perfect Gem—Excellent for Summer, and equally good as a Winter variety, very productive, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Essex Hybrid—Productive, good keeper, and one of the best flavored, 10c. oz. 25c. $\frac{1}{4}$ lb. 75 cts. lb.

Cocoanut—A small-sized, fine flavored and prolific variety, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

American Turban—Excellent quality, flesh thick and sweet, superior Fall sort, 10c. 25c. $\frac{1}{4}$ lb. 75c. lb.

True Hubbard—A general favorite, hard, dark-green shell, meat thick, dry and finely flavored, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Boston Marrow—Good keeper and of excellent flavor, shell orange, quite hard, several weeks earlier than the Hubbard, 10c. oz. 25c. $\frac{1}{4}$ lb. 75c. lb.

Marblehead—Color light blue, splendid keeper, for sweetness, dryness and fine flavor, quite unsurpassed, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 75 cts. lb.

Pineapple—Skin and flesh of pure creamy white color, fine grained, of excellent quality, good keeper, vines strong and produce six and seven squashes each, 10 cts. oz. 30 cts. $\frac{1}{4}$ lb. 90 cts. lb.

Sibley—New, superior in flavor and quality. Shell pale green, very hard, flesh orange, solid, very thick and dry, wonderful for fineness of grain and delicacy of flavor. productive and keeps well. Weight, about ten pounds, 10 cts. oz. 30c. $\frac{1}{4}$ lb. 90c. lb.



Hubbard Squash.

We can supply you with anything wanted for contractors use. Railroad, County or Township plows, scrapers, etc.

TOMATO, (Liebesapfel, Ger.)

To obtain fruit very early, sow in the hot-bed in March. In about five weeks plants should be transplanted to another hot-bed, setting them 4 or 5 inches apart. Here they should remain, having all the air possible, until about the middle of May, when they may be put out in the ground. If not too early or too cold, a cold frame will answer for the first transplanting. Pinching off a portion of the side branches, and stopping others just beyond where the fruit is formed, hastens the ripening. Very good plants can be grown in boxes in the house.

No plant will bear training better than the tomato, and they can be made very pretty.

Dwarf Champion—This fine sort is quite distinct and very early. The foliage is dark and the stem stiff, so that the plants stand up well, even when loaded with fruit. Last season it ripened July 1st. The fruit is smooth, solid and excellent, 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.

New Peach—It resembles a peach in size, form and color, with a firm, fleshy texture, making it extremely handsome. Entire fruit is tender, free from core around the stem, and of very superior quality, having a delicious fruit taste, mingled with a sub-acid tomato flavor, 30 cts. oz. \$1.00 $\frac{1}{4}$ lb. \$3.00 lb.



New Peach

Golden Queen—The best yellow, tomato, medium, early, smooth, round, very productive, excellent quality, 25c. oz. 75 cts. $\frac{1}{4}$ lb. \$2.75 lb.

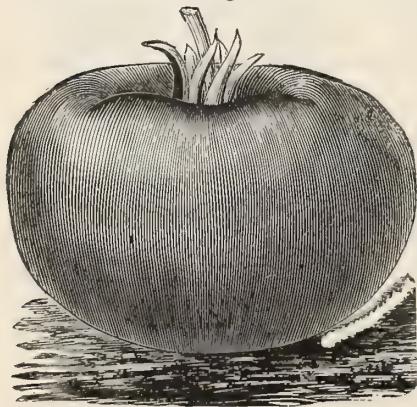
Livingston's Beauty—Color very glossy crimson, grows in clusters of four or five fruits, large and solid, 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$1.90 lb.

Livingston's Favorite—Productive, good flavor, few seeds, flesh solid, smooth and handsome 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.

Livingston's Perfection—Early, large, smooth and solid, blood-red color, 20c. oz. 60c. $\frac{1}{4}$ lb. \$2.00 lb.

Early Acme—One of the earliest. The fruit is of a medium size, perfectly smooth and regular in shape, color quite distinct, being a dark red, with purplish tinge, 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.

The Mikado—A new variety, very large size solid, free from core, and almost seedless round and even, bright red, smooth skin. Excellent quality, and a fine yielder, 20c. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.



Acme

Volunteer—Large size, averaging five to ten ounces round, early, smooth, and perfect in form, color, attractive bright red. Scarcely any core. Quality very superior for table use and canning, 20 cts. oz. 70 cts. $\frac{1}{4}$ lb. \$2.50 lb.

Paragon—Large, perfectly smooth, bright crimson, solid and excellent, 25 cts. oz. 70 cts. $\frac{1}{4}$ lb. \$2.00 lb.

Trophy—Fruit very large, solid and heavy, excellent for main crop, 20c. oz. 60c. $\frac{1}{4}$ lb. \$2.00 lb.

Cincinnati Purple—A valuable variety, especially adapted for canning and shipping. It is very large, color, a dark purplish red, very productive and of rich flavor. Excellent for canning, 20 cts. oz. 60 cts. $\frac{1}{4}$ lb. \$2.00 lb.

Yellow Pear Shape—Fine for preserves or pickling, 30 cts. oz. \$1.00 $\frac{1}{4}$ lb. \$3.50 lb.

Cherry, Red and Yellow—Used for preserving and pickling, 30 cts. oz. \$1.00 $\frac{1}{4}$ lb. \$3.50 lb.

ARISTOCRAT TOMATO.

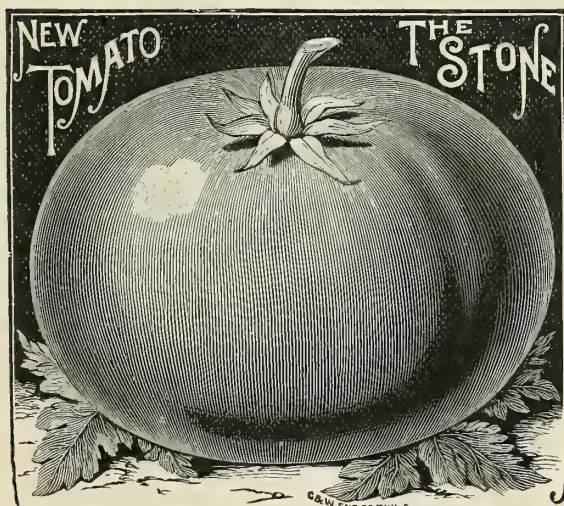
This fine, new variety, in habit of growth and foliage resembles the "Dwarf Champion." Color, beautiful, rich, glossy red, so much preferred in many localities to the purple or rose colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is up to the present day standard of excellence. It will be found especially desirable for forcing under glass and growing outside for early market purposes. It may be planted 3 x 3 feet or even closer, making it also suitable for small gardens, where every foot of land is to be utilized. -10c. pkt.

PONDEROSA TOMATO.

This monster Tomato is all solid meat, handsome variety, being uniformly large, smooth, of dark rich crimson color, and a delicious sub-acid flavor. To show the enormous size of this great Tomato, we would state that twelve specimens weighed 16½ lbs, an average of 1 lb. 6 oz. each; one monster tipping the scales at 1 lb 14 oz. 5c. pkt.; 25c. oz.; 75c. ¼ lb.; \$2.75 lb.

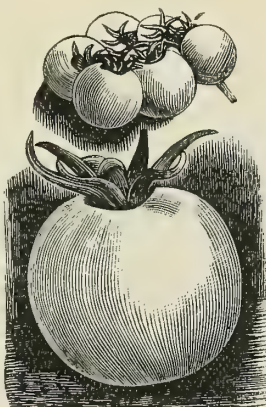
IGNOTUM TOMATO.

This splendid Tomato is one of the best. The fruit is large, smooth, heavy and solid, and of a deep red color. It ripens perfectly up to the stem, and is remarkably free from cracking and rotting; the flesh is of finest quality, very solid and with few seeds. 5c. pkt.; 20c. oz.; 75c. ¼ lb.; \$2.50 lb.



success has at last crowned his efforts. We advise all Mansfield Tomato. Per pkt. 15 cents; oz. 40 cents.

GOLD BALL TOMATO.



A round golden yellow variety, and no other yellow sort can approach it in quality, the flesh is thick, of extra good quality; smooth as an apple, handsome gold color. 5c. pkt.; 35c. oz.; \$1.00 ¼ lb.; \$3.75 lb.

BUCKEYE STATE TOMATO.

A handsome, large sized, smooth tomato. It averages at least one-half larger than the Beauty; is more prolific and abundant in fruitage than the standard sorts now in cultivation. It is unquestionably the heaviest cropper known and is smooth and uniform in size. The Tomatoes are borne in immense clusters of four to eight fruits, and occasionally ten large fruits have been found on a single cluster. In solidity and meatiness it has no equal, while in luscious quality none surpass it. The color is much the same as beauty, but a darker and richer shade, and this, together with its very large size and clear-cut outlines, makes it very showy and striking when displayed for sale. 10c. pkt; 30c. oz; \$1.20 ¼ lb.

NEW STONE TOMATO.

An excellent shipping variety quality the very best; fine for canning; a good keeper, without hard core and not subject to rot. Fruit large, very smooth, and of bright scarlet color; flesh firm and solid. 5c. pkt; 20c. oz.; 75c. ¼ lb.; \$2.75 lb.

MANSFIELD MAMMOTH TREE.

This variety has created the greatest sensation since its introduction two years ago. The past season it grew to a height of over 15 feet, and produced tomatoes of enormous size and fine flavor. All who have tasted the Mansfield are loud in their praise of its fine quality, wonderful growth and beautiful fruit. Mr. William Mansfield has spent over twenty years in growing and experimenting with the Tomato and who desire a novelty to try the

TURNIP, (Rueben, Ger.)

Turnips for early use may be sown as soon as the ground opens in Spring. For Fall and Winter use, sow the early sorts from July to the middle of August, the Ruta Bagas from June to the middle of July. They may be sown either broadcast or in drills. The best crops can be raised from drills, 18 inches apart, and the plants thinned to six inches asunder, 1 oz. to 150 feet of drill, 2 lbs. per acre in drills, 1 lb. per acre broadcast.



Purple Top Strap Leaf

Early Purple-Top Munich—The best extra early turnip, good quality, 10 cts. oz. 25 cts. $\frac{1}{4}$ lb. 60 cts. lb.

Purple-Top Flat Strap Leaf—The popular early variety, excellent for market or private gardens, 10c. oz. 20 cts. $\frac{1}{4}$ lb. 50 cts. lb.

White Flat Strap Leaf—The best early white variety, for table or market use, 10c. oz. 20c. $\frac{1}{4}$ lb. 50c. lb.

Purple Top White Globe—An early variety, very heavy cropper, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 50 cts. lb.

Yellow Aberdeen—Very hardy and productive, fine form, and excellent variety 10 cts. oz. 20c. $\frac{1}{4}$ lb. 50 cts. lb.

Seven Top—Very hardy, is left standing in the ground during the Winter in the Southern States, in the Spring yields abundant foliage for greens, 10c. oz. 25c. $\frac{1}{4}$ 60c. lb.

White Egg—Early, egg-shaped, white, fine and sweet, 10 cts. oz. 25c. $\frac{1}{4}$ lb. 60 cts. lb.

RUTA-BAGA OR SWEDISH TURNIP.

The Ruta-Baga Turnip is extensively grown as a farm crop, the roots are close grained, very hard, and will endure a considerable degree of cold without injury, excellent for the table in early spring.

Improved American Purple Top—A fine variety, grown both for table and for stock, flesh solid, of fine quality, keeps well until summer, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 50 cts. lb.

Carter's Imperial—A purple-top, yellow variety, productive, one of the best for field-culture, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 50 cts. lb.

White Sweet German—A white globe shaped variety, superior for table use, of excellent quality, good keeper, 10 cts. oz. 20 cts. $\frac{1}{4}$ lb. 50 cts. lb.

TOBACCO, (Taback, Ger.)

The seed should be sown as early as possible after the danger of frost is over. Cover very lightly, and when the plants are about six inches high, transplant in rows six feet apart each way.

Connecticut Seed Leaf—A long leaf, fine texture, 30 cts. oz. \$1.00 $\frac{1}{4}$ lb. \$2.75 lb.

Havana—Pure Cuban grown seed, 40 cts. oz. \$1.20 $\frac{1}{4}$ lb. \$3.50 lb.

White Burley—A variety largely grown for manufacture of fine cut and plug, 25 cts. oz. 90 cts. $\frac{1}{4}$ lb. \$2.50 lb.

HERB SEEDS.

Every good housekeeper knows the value of a little patch of Herbs, they are of easy cultivation and should have a place in every garden. The seed should be sown in April or May, in shallow drills about fifteen inches apart, and thin out, if too thick, when three or four inches high. As a general rule it is best to cut Herbs when in flower.

Anise, 15 cts. oz.	Coriander, 10 cts. oz.	Majoram, Sweet, 25 cts. oz.
Balm, 50 cts. oz.	Lavender, 25 cts. oz.	Savory, Summer, 25 cts. oz.
Basil, Sweet, 25 cts. oz.	Horehound, 50 cts. oz.	Savory, Winter, 20 cts. oz.
Borage, 20 cts. oz.	Hyssop, 25 cts. oz.	Thyme, 50 cts. oz.
Caraway, 10 cts. oz.	Rosemary, 20 cts. oz.	Sage, 20 cts. oz.

Potatoes, (Kartoffel, Ger.)

As prices are liable to vary, We shall be pleased to give quotations on application. They are put up in barrels of about $2\frac{3}{4}$ bushel each. Our supply has been secured from reliable growers, and includes the following varieties:

Queens Golden Pop Corn an extra large variety, great Improvement on old sorts. 5 cts. packet, 10 cts. pint, 20 cts. quart. Extra selected ears 5 cts. each. Postage Extra.

IT WILL PAY YOU TO USE ANGLO-AMERICAN POULTRY FOOD.

Early Ohio—A week earlier than the Early Rose, of excellent quality. Tubers round and oblong in shape, flesh solid, cooks dry and mealy.

Chicago Market—Very popular, early, good quality, and yields well.

White Star—Medium, early, a very large cropper, fine, floury texture and delicious flavor.

White Elephant—Late, large, enormously productive, splendid keeping qualities.

Early Rose—The leading variety for earliness and productiveness.

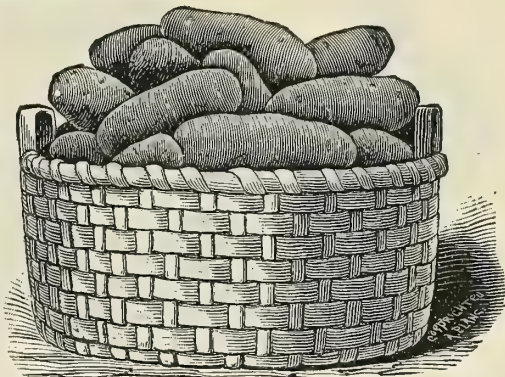
Early Beauty of Hebron—Ripens with the Early Rose and equally valuable as a market variety.

Clark's No. 1—Closely resembles the Early Rose, cooks mealy, excellent flavor.

Peerless—A good variety for general culture, very productive.

Burbank's—A White-skinned medium early variety, flesh of fine grain and excellent flavor.

We can fill orders for nearly all standard varieties not catalogued here. On large lots will make special prices. Correspondence solicited, stating quantity required.



Potatoes.

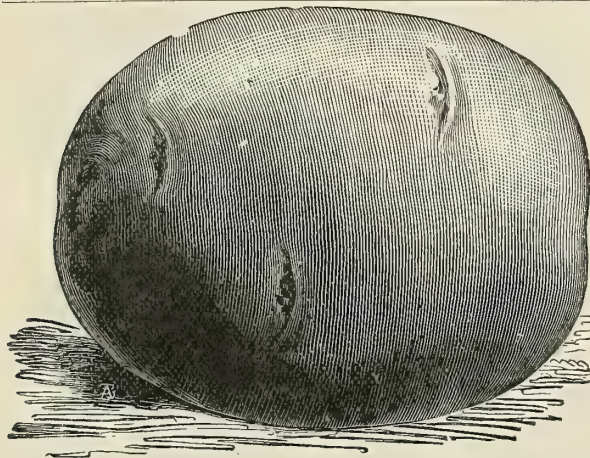
FREEMAN POTATO.

The great merits of this variety are its *extreme earliness and long keeping qualities*. It is also a *first-class yielder*, frequently producing six to nine pounds from a single hill. The tubers are oval in shape, russet in color; flesh very white, both raw and when cooked; fine grained and of the very best flavor. From the time they are as large as hen's eggs until new potatoes come in the next year they burst open when boiled and appear snow-white and floury. Price, 60 cents peck; \$2.00 per bushel; \$4.00 per barrel.

The Freeman Potato bought of you last season, I think is the best Potato ever produced. The quality excellent, dry, mealy, and fine flavored. From 1 lb. seed raised nearly 100 pounds; consider this a remarkable yield on account of dry season. Will plant my entire crop this year.

Dec 9, 1893.

ABE CRIST, Madisonville, O.

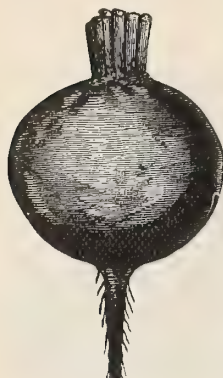


Rural New Yorker No. 2.

A potato of most distinct appearance, very large and unusually smooth, with few and shallow eyes; in form it is oblong, inclining to round, and rather flattened; the skin is white, as is the flesh, which is of a superior quality. In maturity the variety is intermediate, and its solidity and vigor are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. Price, 40 cents per peck; \$1.20 bushel; \$3.25 per barrel.

EARLY OHIO JR. POTATO.

This variety is almost identical with the Early Ohio in the form and marking of the tubers, habit of growth, etc. The tubers are oval oblong, round at the seed end, with full eyes, that are almost even with the surface. It is an excellent keeper, very productive, of fine quality, and has proven a most valuable addition to our list of Extra Early varieties. 40 cents per peck; \$1.20 per bushel; \$3.25 per barrel.



BEET.

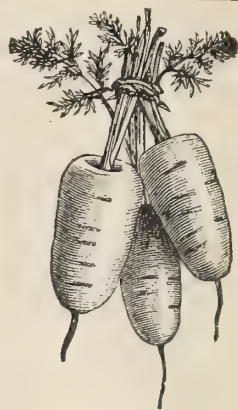
Early Blood Turnip.

Pkt. 5c.



WATER MELON.

Kolb Gem. Pkt. 5c.



CARROT.

Early Scarlet Horn, pkt. 5c.



CABBAGE.

Louisville Drumhead.
Pkt. 5 cents.



CUCUMBER.

Early Cluster.
Pkt. 5 cents.

"Think of It"

Our **"STAR"** Collection

10 PACKETS FOR 25c

MAILED FREE.

10 Packets of Reliable
Vegetable Seeds.

BEET—Early Blood Turnip.
CABBAGE—Louisville Drumhead.
CUCUMBER—Early Green Cluster.
LETTUCE—Early Tennis Ball.
WATER MELON—Kolb Gem.
MUSK MELON—Hackensack.
CARROT—Early Scarlet Horn.
RADISH—Early Scarlet Turnip.
SPINACH—Bloomsdale Savoy.
TURNIP—Purple Top, Strap Leaf.

10 5-Cent Pkts.

FOR 25 CTS.

MAILED FREE.

No Changes will be made in
this Collection.



MUSK MELON.

Hackensack. Pkt. 5 cents.



SPINACH.

Bloomsdale Savoy. Pkt. 5 cents.



LETTUCE.

Early Tennis Ball.
Pkt. 5 cts.



TURNIP. Purple Top, Strap Leaf. Pkt. 5c.



RADISH.

Early Scarlet Turnip.
Pkt. 5 cents.



Selected Flower Seeds

GENERAL LIST.

WE TAKE PLEASURE in presenting to you our revised Flower Seed List, embracing only the best and most popular varieties. Our Flower Seed trade has increased very rapidly the last few years, which is very gratifying to us, as it speaks well for the quality of the seed we send out. Look it over carefully and add at least one or two packets to your vegetable seed order. It will pay you well. We do not sell old seeds, neither do we mix old seeds with new—every seed is NEW, FRESH AND CLEAN. Everything is arranged in alphabetical order.

Annuals grow from the seed, bloom and perish in one season. **Biennials** generally bloom the first and second year and then die. **Perennials** bloom the second year and every year thereafter, some perishing after three or four years, others continue indefinitely. Some few Perennials, if started early, bloom the first year.

|| Full Cultural Directions on all Flower Seed Packets. ||

All Flower Seeds

✽ Sent Free by Mail on Receipt of Price. ✽

SPECIAL OFFER ON SEEDS IN PACKETS ONLY.

6 five cent packets for 25 cents.
14 five cent packets for 50 cents.
30 five cent packets for \$1.00.

ABUTILON.

Few lovers of these beautiful flowers are aware how easily they can be raised from seed, and how beautifully they flower the first season. Half hardy perennial.

1. Finest mixed, 20 cts. pkt.

ABRONIA.

A pretty creeping Verbena-like plant, with most exquisite fragrance; half-hardy annual.

2. Umbrellata, 5 cts. pkt.

ADLUMIA CIRRHOSIA (Allegheny Vine).

A beautiful climber, foliage light green, flowers flesh color, hardy annual.

3. Cirrhosia pale pink 5 cts. pkt.

ACROCLINIUM.

Grows about 12 inches high, with beautiful everlasting flowers, much used for winter bouquets. Flowers should be gathered and dried before fully expanded; half-hardy annual.

4. ROSEUM—Bright Rose—5 cts. pkt.

5. ALBUM—White, 5 cts. pkt.

AGERATUM.

A free flowering brush-like plant, and one of our finest bedding plants half-hardy.

6. MEXICANUM—Blue—5 cts. pkt

7. DWARF TOM THUMB.—Blue, 5 cts. pkt

Alyssum.

A very useful little annual, and one of the most popular. It is extensively used for baskets and pot culture. It also makes a beautiful border plant, its easy culture and honey-like fragrance renders this old favorite indispensable to every lover of flowers.

8. **Sweet**—White, 5 cts. pkt.

Ammobium Alatum.

An everlasting flower, much used in bouquets of dried flowers—hardy annual.

9. **White**—5 cts. pkt.

Amaranthus.

A most popular family of plants, grown exclusively for the beauty of their foliage. Many of the varieties are highly colored and beautifully formed. Being tender annuals they should not be planted out too early.

10. **Salicifolius**—(The Fountain Plant). Very beautiful, one of the best, 5 cts. pkt.

11. **Tricolor**—(Joseph's Coat). 5 cts. pkt.

12. **Caudatus**—(Love Lies Bleeding). 5c. pkt.

Antirrhinum (Snapdragon).

A beautiful Summer and Fall flowering plant. This old favorite should have a place in every garden—hardy annual.

13. **Fine Mixed**—5 cts. pkt.

14. **Tom Thumb**—Extra choice. 5 cts. pkt.

Aquilegia (Columbine).

An extremely showy genus of early summer-blooming plants, their flowers being both in form and color strikingly beautiful. Hardy perennials.

15. **Mixed**—All colors, 5 cts. pkt.



Triumph Astor.

Asters.

This splendid class of plants is not only one of the most popular, but also one of the most effective, of our garden favorites, producing in profusion, flowers in which richness and variety of color are combined with the most perfect and beautiful form. It is indispensable in every garden or pleasure-ground where the autumnal display is desired. Annuals.



Comet Aster.

16. **Comet**—The shape of the flower resembles the Japanese Chrysanthemums. The petals are long, twisted or wavy-like. The flowers are $3\frac{1}{2}$ to $4\frac{1}{2}$ inches in diameter, very double. Finest mixed, 10 cts. pkt.

17. **Pæony Flowered Perfection**—Flowers large and double, the petals beautifully incurved. One of the best. Two feet. Finest mixed, 10 cts. pkt.

18. **White**—Exceedingly beautiful. 10c. pkt.

19. **Crimson**—10 cts. pkt.

20. **Victoria**—Flowers very large, perfectly double beautifully imbricated and freely produced. $1\frac{1}{2}$ feet. Mixed colors, 10c. pkt.

21. **Betteridge's Prize Globe Quilled**—Very double, with tube petals. Mixed. 10c. pkt.

22. **Triumph, Deep Scarlet**—Color is a rich, brilliant scarlet, changing to a deep satiny scarlet, plants bearing from thirty to forty flowers. Height, about 7 inches, is well adapted for borders or pot culture. 15 cts. pkt.

23. **Dwarf Chrysanthemum Flowered**—A splendid variety, very robust and a profuse bloomer. Flowers later than other sorts. $\frac{3}{4}$ feet. Mixed, 10 cts. pkt.

24. **Choicest Mixed**—All varieties. \$2.50 oz. 5 cts. pkt.

25. **German**—Fine mixed, \$1.00 oz. 5c. pkt.

26. **NEW YELLOW QUILLED ASTER.** A remarkably handsome variety of this free-blooming class of Asters. The flowers are globular, quilled and very double produced on long stems and of the most clearly pronounced yellow yet seen amongst Asters. Per pkt. 15 cts.

THESE PRICES INCLUDE FREE DELIVERY TO YOUR ADDRESS.

Balloon Vine, (*Cardiospermum*.)

A curious rapid-growing climber, with an inflated membranous capsule, from which it derives its name. They succeed best in a light soil. In flower, July and August, 3 feet. Half hardy annual.

27. *Cardiospermum*—White, 5 cts. packet.

Balsam, (*Lady's Slipper*.)

Magnificent conservatory or out-door plants, producing their gorgeous masses of beautiful, brilliant-colored flowers in the greatest profusion. Annuals

28. *Camellia-Flowered*—Very double and perfect in form, choice mixed, 10 cts. pkt.

29. *White Perfection*—Fine pure white double flowers, 10 cts. pkt.

30. *Pink*—Very fine double, 10 cts. pkt.

31. *Good Mixed*—Oz. 5 cts. pkt.



Balsam.

Bellis Perennis, (*Double Daisy*.)

A favorite plant for edging or pot culture. Half hardy perennial.

32. *Double White*—10 cts. pkt.

33. *Double Finest Mixed*—10 cts. packet.

Browallia.

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months. Blooms in winter if sown in August. Half-hardy annual.

34. *Fine Mixed*—5 cts. pkt.

Calendula, (*Pot Marigold*.)

Very showy, free-flowering annuals, excellent for beds, borders, &c.

35. *Meteor*—Double, light orange striped, 5c. pkt.

36. *Prince of Orange*—Dark orange striped, 5 cts. packet.

Cacalia (*Tassel Flower*.)

A neat, half-hardy annual of easy culture, with scarlet tassel-shaped flowers; blooms from July to September, in clusters, fine for borders. 1½ feet.

37. *Coccinea*—5 cts. packet.

Calceolaria.

Now recognized as one of the grandest plants in existence, producing masses of pocket-like flowers, a universal favorite for decorating the greenhouse and conservatory early in the spring.

38. *Hybrida Grandiflora*. Tall mixed. The finest large flowering and most floriferous sorts, of the richest colors. 25 cts. pkt.

Margaret Carnations.

(*Dianthus Caryophyllus fl. pl.*)

The popularity and usefulness of this new variety has surpassed all expectations. They bloom in four months from time of sowing, giving about 80 per cent. of double flowers. If taken up and potted before frost they will continue to bloom during winter.

39. *Mixed*—10 cts. pkt.

Carnation Pinks.

40. *Double Finest Mixed*. Saved from flowers of very fine quality only. 15c. pkt.

Calliopsis or Coreopsis.

This genus is amongst the most showy, free-flowering hardy annuals.

41. *Finest Mixed Varieties*—50 cts. oz., 5c. pkt.



Calliopsis.

Canary Bird Flower.

(*Tropæolum Peregrinum*)

A very beautiful climbing plant of very rapid growth, and produces an abundance of fringed flowers. Half hardy annuals.

42. *Yellow*—5 cts. per pkt.



CAMPANULA.

Campanula or Canterbury Bell.

A genus of exceedingly beautiful hardy perennials, all of which are characterized by richness of color and profusion of bloom. Desirable for garden or house culture.

43. **Single**, finest mixed, 5c. pkt.

44. **Double**, finest mixed, 5c. pkt.

Canna.

This is a sub-tropical genus worthy of general cultivation. It is propagated by division of fleshy roots and from seed. Flowers the first year from seed if planted early, say March or April. Winter like the Dahlia. Half-hardy perennial.

45. **Finest mixed**, producing different colored foliage. 4 to 8 feet. 5c. pkt.

46. **Crozy's best mixed**, from best named varieties. 4 to 8 feet. 10c. pkt.

47. **Madame Crozy**, large flowers, vermillion, bordered with yellow, green foliage, very free flowering. 20c. pkt.

Candytuft.

One of the most popular and useful border plants, very effective in beds, groups, etc., excellent for cut flowers. Hard annuals.

48. **Fragrant**—Pure white, 30 cts. oz. 5c. pkt.

49. **White Rocket**—Fine white large truss, 30 cts. oz. 5 cts. pkt.

50. **Crimson**—40 cts. oz. 5 cts. pkt.

51. **Fine Mixed**—30 cts. oz. 5 cts. pkt.

Centranthus.

52. Very pretty, free-flowering plants, effective in beds, ribbons, or as an edging. Grows freely in any common garden soil. Hardy annual. Fine mixed. 5c. pkt.

Celosia, (Cockscomb.)

Very singular, attractive and showy class of plants. In flower August to November. Half hardy annual.

53. **Glasgow Prize**—An improved Cockscomb, very large, dark crimson combs, 10c. pkt.

54. **Christata Nana**—Choice mixture of newest dwarf crested varieties, 5 cts. pkt.

55. **Japonica**—(Japanese) Combs are almost as delicately cut as ruffled lace, 5c. pkt.

56. **Pyramidalis**—A choice mixture of all the plumed and feathered sorts, 10c. pkt.

Centaurea.

Showy, hardy plants which have beautiful, silvery foliage, and are indispensable for ribbon bordering, or carpet bedding, and as single specimens they are very attractive. Half-hardy perennials.

57. **Candidissima**—Large, smooth, silvery, cut leaf, 15 cts. pkt.

58. **Gymnocarpa**—A graceful, silvery, fine-cut leaved variety, \$1.00 oz. 10 cts. pkt.

59. **Cyanus**—(Batchelor's Button), free-flowering showy border plants, very popular as cut flowers, fine mixed. Hardy annual, 50 cts. oz. 5 cts. pkt.

60. **Cyanus**—New double mixed, 10 cts. pkt.

Chrysanthemum.

One of the most showy and effective garden favorites, also extensively grown for cut flowers. The hardy annuals are summer-flowering plants, good for pot-culture, and quite distinct from the Indicum, which are perennial autumn-flowering varieties.



Chrysanthemum Lord Beaconsfield.

61. **Coronarium**—Double white, 5c. packet.

62. **Coronarium**—Double yellow, 5c. packet.

63. **Lord Beaconsfield**—Rich crimson maroon, with white edge and inner white circle, 5 cts. pkt.

64. **Eclipse**—Pure golden yellow, with a bright, purplish-scarlet ring, the disc being dark brown, 5 cts. pkt.

65. **Finest Mixed**—50 cts. oz. 5 cts. pkt.

66. **Indicum Majus**—Choice mixed large flowering double varieties, half hardy perennial, 3 feet, 10 cts. pkt.

WE ARE LARGE IMPORTERS OF FALL BULBS.

Cineraria.

Very attractive, free-flowering greenhouse plants, blooming during the winter and spring months. Though perennials, they do better when treated as tender annuals.

67. Hybridia Grandiflora. Prize, mixed. Extra selected, unsurpassable in quality and beautiful brilliant colors 25 cts. pkt.

68. Maritima. (*Dusty Miller*). Large, silvery, deeply cut foliage. 5 cts. pkt.

Clarkia.

A most desirable free-growing plant, blooming in almost any soil, but when planted in rich loam its beauty is unsurpassed, will continue in bloom nearly all summer. Sow in April and May and thin out - hardy annual.

69. Finest Mixed - 5 cts. pkt.

Clematis.

A well known and rapid growing, free-flowering, ornamental climber. Flowers three or four inches across, of charming shades of blue, white, purple, etc.

70. Finest mixed, 20 cts. pkt.

Cyclamen.

Charming, bulbous-rooted plants, with beautiful foliage and rich-colored, orchid-like fragrant flowers; universal favorite for winter and spring blooming. If seed is sown early they make flowering bulbs in one season. They require sandy loam. Half hardy perennial. 6 inches.

71. Cyclamen Persicum. Finest mixed, 15 cts. packet.



Cyclamen Persicum Giganteum.

This new, large flowering strain has beautiful mottled leaves, broad petals, and stout flower stalks, throwing the flowers well above the foliage.

72. Finest Mixed - 25 cts. pkt



Cosmos Hybridus.

A magnificent race of plants, growing about 4 feet in height, and in the Fall literally covered with graceful flowers, resembling single Dahlias, but neater and better for cutting. They are about 2 inches in diameter and range through all shades of rose, purple, flesh, and pure white. Easily raised from seed, and bloom the first season)

73. White Pearl - 10 cts. pkt.

74. Mixed - 10 cts. pkt.

Cobea Scandens.

75 A well known climber of quick growth, producing beautiful large bell-shaped purple flowers, 10 cts. pkt.

Collinsia.

Very attractive and free-flowering plants for borders or beds, hardy annual.

76 Finest Mixed - 40 cts. oz. 5 cts. pkt.

Convolvulus Minor.

(*Dwarf Morning Glory*).

Beautiful free-flowering, and remarkable showy annual, with handsome, rich-colored flowers, producing in beds and borders a brilliant effect.

77 Mixed - 25 cts. oz. 5 cts. pkt.

Coleus.

Highly ornamental plants in an endless variety of colors and shadings. Our seed has been saved from the finest collection in Europe. If sown in March or April fine plants may be had by planting time.

78 Mixed - 15 cts. pkt.

Cypress Vine.

A most popular climbing plant, with delicate fern-like foliage, half hardy annual.

79 Scarlet - 50 cts. oz. 5 cts. pkt.

80 White - 50 cts. oz. 5 cts. pkt.

81 Rose - 50 cts. oz. 5 cts. pkt.

82 Mixed - 50 cts. oz. 5 cts. pkt.

YOU WILL FIND OUR FLOWER SEEDS, AS WELL AS GARDEN SEEDS, FRESH AND RELIABLE.

Dahlia.

The Dahlia is easily grown from seed, and will flower the first season. Seed saved from the best European collections. Half hardy perennial.

83 Double Finest Mixed—10 cts. pkt.

84 Single Finest Mixed—10 cts. pkt.



Single Dahlia.

Dianthus (Pinks).

This is one of the most beautiful and most satisfactory plants that can be grown from seed. The flowers of the many varieties measure three inches across and are of the most brilliant colors. Hardy biennials.



Dianthus Chinensis

85 Chinensis, fl pl—(Chinese Pink). Finest double mixed, \$1.00 oz. 5 cts. pkt.

86 Heddewigii, fl pl—Finest double mixed, \$1.00 oz. 10 cts. pkt.

87 Heddewigii, Single—Finest mixed, 15c. pkt.

88 Laciniatus, fl pl—Flowers very large and deep y fringed, 5 cts. pkt.

89 Laciniatus, Single—Finest mixed, very beautiful, deeply fringed, 5 cts. pkt.

Datura (Sweet Nightingale).

90 A grand evening flower, opening about sunset and lasting till near noon the next day. Flowers pure white, 9 inches long and 5 or 6 inches wide at the top. Its delicious fragrance fills the evening air, and can be

detected a long distance. It is a free bloomer. Seed can be sown in the open ground or started in pots. 10 cts. pkt.

Delphinium (Perennial Larkspur).

One of our most showy and useful plants, producing splendid spikes of flowers. If sown early they bloom the first year from seed.

91 Delphinium Formosum. Beautiful spikes of brilliant rich blue flowers, with a white center. 2½ feet. 10c ts. pkt.

Digitalis (Foxglove).

Handsome border plants with a great variety of colors. Hardy biennial.

92 Finest Mixed—50 cts. oz. 5 cts. pkt.

Edelweiss, Gnaphalium Leontopodium.

93 The famous and true "Edelweiss" of the Alps. The flowers are of a downy texture, pure white and star-shaped. 25 cts. pkt.

Euphorbia.

(Mexican Fire Plant.)

A hardy annual that grows two to three feet high, of branching bush-like form, with smooth, glossy leaves, which are at first entirely green, but about midsummer clusters of small white flowers appear on the end of each branch, surrounded by beautiful orange scarlet bracts, presenting a striking and brilliant combination of colors.

94 Helerophylla—10 cts. pkt.

Eschscholtzia (California Poppy).

Showy, free-flowering class of plants, with extremely rich and beautiful colors, a little difficult to transplant, very attractive for beds, edging or massing, hardy annual.

95 Californica—Yellow, 50 cts. oz. 5 cts. pkt.

96 Finest Mixed—50 cts. oz. 5 cts. pkt.



Freesia.

Very easily grown. Bulbs can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant.

97 Freesia Refracta Alba. 15c. pkt.

TRY OUR MIXED CLIMBERS FOR TRELLIS OR SCREENS.

Gaillardia.

Splendid bedding-plants, remarkable for the profusion, size, and brilliancy of their colors—hardy annual, 1 foot.

98 Lorenziana—Beautiful double flowers, fine for bouquets, 5 cts. pkt.

99 Grandiflora Fire mixed, 5 cts. pkt.



Gaillardia Lorenziana.

Geranium (*Pelargonium*).

In extensive use for bedding in borders and masses. Started early will flower the first year from seed.

100 Large Flowered. Finest mixture, 15c. pkt.

101 Apple Scented. (*Pelargonium odoratissimum*). This fragrant favorite variety can only be grown from seed to form fine plants. Sow in light soil and keep moist until they germinate. 25 cts. pkt.

Gilia.

Very pretty tall and dwarf plants, early, free-blooming, fine for massing and rock work. Hardy annuals.

102 Tall mixed, 5c. pkt. *Dwarf mixed,* 5c. pkt.

Gourds (*Ornamental*).

A valuable and highly interesting class of climbing plants, both on account of their beautiful foliage and their singular shaped and curiously marked fruit. The smaller fruited varieties are the most neat and ornamental, and are eminently adapted for screens and trellis work, in flower July to October. Tender annuals.

103 Nest Egg—Resembling an egg in color, shape and size, 5 cts. pkt.

104 Bottle—Useful and ornamental, 5c. pkt.

105 Dipper—A favorite variety, 5 cts. pkt.

106 Snake Cucumber—Very curious, 5 cts. pkt.

107 Hercules' Club—Curious, large variety, 5c. pkt.

108 Orange—Fruit resembles an orange, 5c. pkt.

109 Fine Mixed—50 cts. oz. 5 cts. pkt.

Godetia.

Plants easily cultivated, and will produce a great quantity of flowers of very brilliant colors; flower July to September. Hardy annual, 1 foot.

110 Lady Albermarle—Intense carmine crimson, very beautiful, 5 cts. pkt.

111 The Bride—White, with crimson edge, 5c. pk.

112 Fine Mixed—50 cts. oz. 5 cts. pkt.

Helichrysum (*Everlasting*).

Flowers mostly used for Winter bouquets. They should be cut and dried before they are in full bloom. Hardy annual.

113 Finest Double Mixed—5 cts. pkt.

Heliotrope.

A half hardy perennial, flowering during the whole season, its delightful perfume makes it a most desirable bouquet flower. Seeds sown in the Spring make fine plants for summer blooming.

114 Finest Varieties Mixed—\$2.00 oz. 10c. pkt.

Hollyhock (*Althea*).

This is one of the finest ornamental plants, it has been much improved of late, and now produces beautiful double flowers of almost every shade of color. If sown early in heat the plants may be had in bloom the first year, in flower July to September. Hardy perennial.

115 Fine Mixed—75 cts. or. 5 cts. pkt.

116 Extra Mixed—From prize flowers, \$1.50 oz. 10 cts. pkt.

117 Charter's Prize—Mixed varieties, 15c. pkt.

118 Double White—Flowers pure white, extra for florists, \$2.00 oz. 10 cts. pkt.

Honesty.

Hardy, biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

119 Lunaria Biennis, 5 cts. pkt.

Humulus Japonicus.

120 This new Japanese variety of Hop is a splendid annual climber. The foliage resembles that of the common hop, but is more dense. Seed sown in the open ground in Spring will produce plants of a very large size in a short time. Withstands heat, drouth and insects, and remains fresh until late in the Fall. 5 cts. pkt.

Hyacinth Bean.

A rapid growing plant, flowering freely in clusters, for covering arbors, trellises, etc.

121 Dolichos mixed. 10 feet. 5c. pkt. 15c. oz.

Ice Plant (*Mesembryanthemum*).

Beautiful, dwarf-growing plants, with wax-like foliage and lovely little flowers. Splendid for rock-work and hanging baskets. Half hardy annual.

122 Crystallinum. 5 cts. pkt.

Kenilworth Ivy.

A charming, small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock-work.

- 123 Linaria Cymbalaria**—Lavendar and purple. 10 cts. pkt.

Lantana.

Verbena-like heads of flowers, embracing every shade of pink, purple, orange and white, very effective either for pot culture or bedding

- 124 Hybrida Mixed**—80 cts. oz. 10 cts. pkt.

Larkspur (*Annual Delphinium*.)

Hardy annuals producing dense spikes of flowers, which are very beautiful either in the garden or when cut for vases.

- 125 Dwarf Rocket**—50 cts. oz., 15 cts. pkt.

Lobelia.

A charming genus of dwarf plants, with blue and white flowers, in flower June to October, half hardy annual.

- 126 Speciosa**—One of the best varieties, intense blue flowers $\frac{1}{2}$ ft. 10 cts. pkt.

Lupinus.

Splendid ornamental plants, with long, graceful flower spikes of rich and varied colors, valuable for mixed borders, in flower June to October.

- 127 Mixed Annual Varieties**—30c. oz., 5c. pkt.

Lichnis.

Handsone plants, of easy cultivation in any rich soil, in flower June and July, hardy perennials 2 ft.

- 128 Chalcidonica**—Fine border plant, scarlet, 5 cts. pkt.

Mimosa (*Sensitive Plant*).

Curious and interesting plants, with pinkish-white flowers, well known for the extreme irritability of its leaves, which close and drop at the slightest touch, half hardy annuals, $1\frac{1}{2}$ feet

- 129 Pudica**—Sensitive plant, 80c. oz., 5c. pk.

Mimulus Muschatus (*Musk Plant*).

- 130** Fine for hanging baskets, etc. Small yellow flowers, fragrant foliage. 10c. pkt.



Marigold.

Marigold (*Tagetes*.)

Well-known free-flowering plants, with handsome double flowers of rich and beautiful colors. The African, the tallest, is also the most striking in large beds. The dwarf French is used as a foreground to taller plants, and makes splendid compact edgings to beds or borders, half hardy annuals.

- 131 African Lemon**—Large double lemon flowers, 50 cts. oz., 5 cts. pkt.

- 132 African Orange**—Large double orange flowers, 50 cts. oz., 5 cts. pkt.

- 133 African El Dorado**—Flowers from three to four inches in diameter, imbricated and extremely double. The colors run through all shades of yellow, from light primrose to the deepest orange. 5c. pkt.

- 134 French Gold Striped**—Magnificent yellow striped with brown, 50 cts. oz., 5c. pkt.

Mignonette (*Reseda Odorata*).



Mignonette.

The delightful fragrance and easy culture of this old plant tend to make it one of the most popular of the annuals. Seed can be sown at almost any season; when sown in the garden early, will give flowers in the summer.

- 135 Large Flowering.**—15 cts. oz. 5 cts. pkt.

- 136 Machel**—The finest variety for pot culture sweet-scented red flowers, \$1 oz. 5c. pkt.

- 137 Miles Hybrid Spiral**—Profuse bloomer, very fragrant, 50 cts. oz., 5 cts. pkt.

- 138 Golden Queen**—A very beautiful new variety, flowers bright golden in color and very effective, 5 cts. pkt.

- 139 Parson's White**—Very large, nearly white 5 cts. pkt.

Mirabilis.

(*Four O'clock's Marvel of Peru*.)

Handsone, free-flowering plants, bloom the first year from seed, the flowers are produced in clusters on the summit of the stems, the roots can be preserved during the winter like dahlias.

- 140 Finest Mixed**—20 cts. oz. 5 cts. pkt.

Myosotis. (*Forget-me not*)

Pretty little favorites with clusters of fine delicate flowers. They succeed best in a damp, shady situation, but will thrive well in any garden soil. 6 inches.

141 Palustris, blue, 5 cents pkt.

Moon Flower. (*Ipomæa Noctiflora*.)

142 At night and during the dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. 5 cents pkt.

143 Moonflower, New Cross-Bred.

It is of a luxuriant growth, an abundant bloomer, and will flower from four to five weeks before the white seeded varieties, which renders it a most valuable sort for growing north. The flowers are pure white, large and fragrant. 10 cents pkt.

144 Morning Glory, Tall.

(*Convolvulus Major*.)

A well-known and beautiful free-flowering class of climbers, with brilliant and varied colored flowers, grow freely in almost any situation, half hardy annuals, ten feet, finest mixed 15 cents oz. 5 cents pkt.

Momordica.

Trailing plants with curious ornamental foliage, the fruit is golden yellow in color, and when ripe, opens, disclosing its seeds and brilliant interior, half hardy annuals.

145 Balsamina—(Balsam apple) 60c oz. 5c pkt.

146 Charantia—(Balsam pear) 60c oz. 5c. pkt.

Nasturtium, Dwarf.

(*Tropæolum Nanum*.)

Beautiful plants, flowering all through the season, the foliage of most varieties is light green, clear and beautiful, flowers large and very brilliant, they are among the most useful and beautiful of garden favorites for bedding, half hardy annuals, 1 foot.



Nasturtium Dwarf.

Nasturtium Dwarf.

147 King Theodore—Deep maroon, 25 cts. oz. 5c. pkt.

148 Golden King—Golden yellow, 25 cts. oz. 5 cts. pkt

149 Beauty—Orange and vermillion, 25 cts. oz. 5c. pkt.

150 King—Scarlet, bluish green foliage, 25c. oz. 5c. pkt.

151 Crystal Palace Gem—Sulphur, spotted with maroon, 25c. oz. 5c. pkt.

152 Pearl Nearly white 25c. oz. 5c. pkt.

153 Finest Mixed—15c. oz. 5c. pkt.

Nasturtium, Tall.

Well-known profuse flowering plants, admirably adapted for rockwork, banks, covering trellises, or rustic work, the seeds, if picked young, are an excellent substitute for capers, hardy annuals, 6 feet.

154 Coccineum—Scarlet, 25c. oz. 5c. pkt.

155 Orange Beautiful dark orange, 25c. oz. 5c. pkt.

156 Spotted Very pretty, 25c. or. 5c. pkt.

157 Purple Violet—25c. oz. 5c. pkt.

158 Mixed—15c. oz. 5c. pkt.

Nicotiana.

Deliciously fragrant, white flowers, very ornamental, of easy cultivation, excellent for pots or beds, half hardy annual.

159 Affinis—White, very fragrant, 5c. pkt.

Oenothera, (*Evening Primrose*.)

Large, showy blossoms, opening toward evening, free growing and useful plant, hardy perennial.

160 Biennis—True evening primrose, a beautiful and free flowering plant, with long spikes of bright yellow flowers, 5c. pkt.

Petunia.

These well-known and much admired plants are of the easiest culture, and produce a profusion of flowers during the season, in flower July to October, half hardy annuals.

161 Nyctaginiflora White, fragrant, 5c. pkt.

162 Phœnicia Small, deep purple, 5c. pkt.

163 New Double Fringed A most beautiful variety, 50c. pkt.

164 Hybrida Grandiflora—Magnificent flowers or extra large size, beautifully fringed and variegated, extra choice, 25c. pkt.

165 Intus Aurea—New yellow throated, large veined flowers, with beautiful deep yellow throat, extra fine, 25c. pkt.

166 Fine Mixed—\$1.00 oz. 5c. pkt.

Portulaca, (*Mexican Rose*.)

Low growing plants of easy culture flowering throughout the summer, they delight in a sunny situation, fine for massing in beds or edging, hardy annuals.

167 Double—10c. pkt.

168 Single 10c. pkt.

Pansy.



This lovely flower a favorite with every one, is too well-known to need any description. It will flower in the middle of summer if planted where it is somewhat shaded from the hot sun, and especially if furnished with a good supply of water, but in almost any situation will give fine flowers in spring, hardy perennial.

- 169 **Non Plus Ultra**—Large flowers of the most brilliant colors and fine markings, very choice mixed, 20cts. pkt.
- 170 **Bugnot Cassier and Odier Strains**—Superb mixture of unsurpassed quality, 25c. pkt.
- 171 **Emperor William**, Ultramarine blue 10c pkt
- 172 **King of the Black**—Almost coal black, extra fine, 10cts. pkt.
- 173 **Bugnot's French**—New French strain of fine robust growth; great variety of colors; 25cts. pkt.
- 174 **Cassier's Giant**—The flowers of immense size, of good substance and fine form, while the plants are of neat, compact growth, 25cts. pkt.
- 175 **Improved Giant Trimardeau**—Greatly improved in the enormous size of flowers, fine form and increased varieties of colors, 15cts. pkt.
- 176 **Odier of Blotched**—Superb, large-eyed flowers of very good shape and beautifully blotched with rich and varied colors, 15cts. pkt.
- 177 **J. C. McCullough's Mixture**—Flowers very large and beautifully marked, plants, neat and compact, 20cts. pkt.
- 178 **Snow Queen**, Delicate satiny white 10c pkt
- 179 **Yellow Giant**—Pure yellow, 10cts. pkt
- 180 **Choice Large Flowering**—Mixed, splendid strain \$3 00 oz. 10cts. pkt
- 181 **Fine Mixed**—Large flowering, \$1.50 oz. 5c. pkt.

Passiflora, (*Passion Flower*.)

Hardy, deciduous climber, with blue and white flowers of remarkable beauty. Hardy enough to withstand our winters if the roots are protected with leaves or mulch.

- 182 **Coerulea**—10cts. pkt.

Phlox Drummondii



For brilliant effect and continuous blooming in the flower garden, it is hardly possible to overestimate the *Phlox Drummondii*; as a plant of simple culture and accomodating habit, it is not excelled by any annual in cultivation, half hardy annuals, 1½ to 2 feet.

- 183 **Alba**—Pure white, 10cts. pkt.
- 184 **Alba Oculata**—White with crimson eye, 10cts. pkt.
- 185 **Splendens**—Large bright scarlet, extra, 10cts. pkt.
- 186 **Fine Mixed**—50cts. oz. 5cts. pkt.
- 187 **Grandiflora Finest Mixed**—An improved variety, with unusually large flowers of great substance, 10cts. pkt.
- 188 **Perennial**—Fine mixed, 10cts. pkt.
- 189 **Fimbriata**—10cts. pkt.
- 190 **Star of Queadlinburg**—10cts. pkt.

Primula, (*Chinese Primrose*.)

The Chinese Primroses are fine for winter and spring blooming; they are free-flowering, and especially valuable for cut-flowers or for house and window culture; a cool place suits them best. The seed should be sown in light soil, but for the final potting a richer soil is necessary, consisting of two parts loam to one each of well-decayed manure and leafmold. They require to be well-ventilated, well-watered and slightly shaded throughout the summer. This charming and beautiful flowering plant is indispensable for winter or spring decorations in the home or conservatory. It is one of our most important of winter blooming pot plants. The collections here offered contain the finest varieties grown.

- 191 **Single White Fringed**—25cts. pkt.
- 192 **Single Red Fringed**—25cts. pkt.
- 193 **Fine Mixed Single Fringed**—25cts. pkt.
- 194 **Primula Obconica**—This is an almost ever blooming plant, flowers white, tinged with lilac, 25cts. pkt.

OXALIS.



Beautiful small plants, suitable for the greenhouse, rock-work, basket or outdoor culture. Flowering the first year if sown early. Blooms in clusters. Half-hardy perennial. 9 inches.

195 Finest Mixed—10 cts. pkt

POPPY, (*Popaver.*)



A tribe of remarkable free-flowering plants, producing a rich and effective display in large, mixed borders, grow freely in any common soil, hardy annuals, 2 feet.

196 Shirley's—Fancy mixed 10 cts. pkt.

197 Mikado—The flowers are of pure white at the back, while the fringed edges are of brilliant scarlet, 10 cts. pkt.

198 Carnation Flowered—Double mixed, 30c. oz. 5 cts. pkt.

199 Pæony Flowered—Double mixed, 30 cts. oz. 5 cts. pkt.

200 Umbrosum—Flowers glowing vermillion, with a deep black spot on each petal, very showy, single, 50 cts. oz. 5 cts. pkt.

201 Orientale—Superb scarlet flowers, often 6 inches across, hardy perennial, 5c. pkt

PYRETHRUM, (*Feverfew.*)

Handsome, free-flowering, highly ornamental plants. The golden feather and double white are too well-known to need description, annual.

202 Double Pure White—1½ ft. 50c. oz. 5c. pkt.

203 Golden Feather—Golden foliage, one of the best bedding plants, 1 foot, \$2.00 oz. 10 cts. pkt.

204 Roseum—Persian insect powder plant, half hardy perennial 5 cts. pkt.

RICINUS, (*Castor Oil Bean.*)

Tall growing plants of tropical origin, with ornamental foliage, excellent for center of beds, half hardy annuals.

205 Borboniensis Arboreus—A very large and handsome variety 15 feet, 40c. oz. 5c. pkt.

206 Finest Mixed—30 cts. oz. 5 cts. pkt.

SUNFLOWER, (*Helianthus.*)

Well-known, tall growing plants, with large yellow flowers, they are very effective in proper situations, in large shrubbery borders, hardy annuals.



Minature Sunflower.

207 Minature—This charming sunflower is in great demand for cut flowers, habit very branching and dwarf, covered throughout the season with bright golden-yellow flowers, with dark center about two inches in diameter, beautiful small foliage 3 ft. 30c. oz. 5 cts. pkt.

208 Mammoth Russian—Fine, 6 ft 10c. oz 5c pkt

209 Californicus—Orange, large, double extra, 7 ft 40 cts oz 5 cts. pkt.

210 Globosus Fistulosus—Large, yellow, finest of all double, 7 ft. 40 cts. oz. 5 cts. pkt.

211 Oscar Wilde—Single, with small flowers, very handsome, 40 cts. oz. 5 cts. pkt.

212 Silverleaf—Silvery foliage, and small, single golden-yellow flowers with jet black center, 5 cts. pkt.

SWEET PEAS (*Lathyrus Oederatus*)

Beautiful free-flowering climbing plants, producing vast numbers of fragrant flowers, valuable for covering unsightly places, rough fences and trellis work. If the flowers are picked freely, they will be produced long in profusion, and of good size, hardy annuals.

213 *Butterfly*—White, tinted lilac, extra, 15c. oz., 5c. pkt.

214 *Painted Lady*—Rose and white 15c. oz. 5c. pkt.

215 *Invincible Scarlet*—A beautiful deep scarlet, variety, 15 cts. oz. 5 cts. pkt.



216 *Primrose*—Pale primrose yellow, delicate color; unopened flowers, rich canary. 25c. oz.; 5c. pkt.

217 *Princess Beatrice*—Rich and beautiful carmine rose, slightly shaded with lighter and darker tints. 25c. oz.; 5c. pkt.

218 *Blanche Ferry*—Large pink and white flowers of perfect form on long stem; plant branchy and compact. It blooms early, long and profusely. 25c. oz.; 5c. pkt.

219 *Princess of Wales*—White ground, shaded and striped indigo blue and lavender. 25c. oz.; 5c. pkt.

220 *Queen of the Isles*—Rose, claret and scarlet striped, with white large flowers of fine form. 25c. oz.; 5c. pkt.

221 *Splendour*—Rich, bright coppery crimson, suffused with rosy pink. 25c. oz.; 5c. pkt.

222 *Eckford's new large flowering varieties*, finest mixed, 5c. pkt.; 15c. oz.; 30c. ¼ lb.; \$1 lb.

223 *White* 15 cts. oz. 5 cts. pkt.

224 *Striped* 15 cts. oz. 5 cts. pkt.

225 *Grand Blue* 15 cts. oz. 5 cts. pkt.

226 *Crown Princess of Russia*—Delicate blush, very fine, 15 cts. oz. 5 cts. pkt.

227 *Fine Mixed*—10 c. oz. 25c. ¼ lb. 75c. lb.



228. "EMILY HENDERSON."

A beautiful acquisition of American origin. Absolutely pure white. The flowers, of remarkable substance, are born on long stiff peduncles, are extra large, with broad round standards that stand up boldly without reflex or curl. The plants are robust, compact and branching, producing such a prodigal abundance of flowers that the plants appear as if covered with snow. In early season it out-rivals all competitors by nearly two weeks, and continues a veritable "cut-and-come-again" to the end of autumn. The fragrance is most delicious and distinct. For forcing under glass it is particularly adapted. Pkt. 5c.

SALPIGLOSSIS.

Free blooming plants, with curiously penciled and marbled funnel-shaped flowers. Suitable for the greenhouse or flower border. Of easy culture, requiring a light rich soil. Half-hardy annual 1½ ft.

229 *Large Flowered*—all colors, mixed, 5c. pkt.

230. SCARLET RUNNERS.

A beautiful ornamental climber, producing dazzling scarlet flowers and beans, it grows to a height of 10 ft. 5 cts. pkt.

SILENE (*Catch Fly*.)

A beautiful, early, free blooming plant, adapted for beds, borders or ribbon gardening. Of easy culture, growing in any garden soil. Hardy annual. 1 foot.

231 *All Colors, Mixed*—5c. pkt.,

Unless otherwise requested plant orders will be held till after April 1st.

Schizanthus (*Butterfly Flower*.)

A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers, fine for greenhouse decoration and the flower garden. Of easy culture. Half-hardy annual.

232 Mixed varieties, 5c. pkt.

Smilax.

A beautiful climbing plant, with delicate, graceful foliage, extensively used in bouquets, baskets and interior decorations.

233 *Myrsiphyllum*—\$2 oz. 15cts. pkt.

Stock (*German Ten-Week*.)

One of the most popular and beautiful garden favorites, whether for bedding, massing or pot culture, it is unsurpassed for brilliancy and diversity of color, or duration of bloom and fragrance; sow early in the house and transplant into the garden in May if warm; half-hardy annuals.

234 Large Flowering Dark Blood Red—\$4 oz. 10cts. pkt.

235 Large Flowering White—\$4 oz. 10cts. pkt.

236 Large Flowering Mixed—\$4 oz. 10cts. pkt.

237 German Mixed—\$2 oz. 5cts. pkt.

Stocks.

238 Snowflake, Dwarf Forcing, Ten Weeks.

This new variety of Dwarf Wallflower-leaved, Large Flowering Stock is the earliest white and one of the earliest of all Ten Weeks Stocks, and admirably adapted for forcing; the snow-white flowers are uncommonly large and very double. 10c. pkt.

Sweet William (*Dianthus Barbatus*.)



A beautiful class of hardy perennials, with flowers of rich and varied colors.

239 Fine Single Mixed—50cts. oz 5cts. pkt.

240 Finest Double Mixed—\$1.25 oz. 10 cts. pkt.

Thunbergia (*Black-Eyed Susan*.)

A genus of ornamental climbers that grow rapidly and flower freely. Give a warm place and light, rich soil. 4 feet.

241 *Alata Alba*—White, with dark eye, 5c. pkt.

242 Mixed—All colors, 5c. pkt.

Torenia.

These beautiful, free-blooming, trailing plants are charming for baskets, vases or for summer garden decoration. 1 foot.

243 *Bailloni*—Yellow, with brownish-red throat, 10c. pkt.

244 *Fournieri*—Velvety-blue, 10c. pkt.

245. *Vinca* (*Madagascar Periwinkle*.)

Ornamental, free-blooming plants. They flower from seed if sown early the first season, continuing until frost, or they may be potted and kept in bloom through the winter. 2 feet. Fine Mixed 10c. pkt.

Virginian Stock.

(*Cheiranthus Maritimus*.)

Beautiful free-flowering little plants, very effective in small beds, edgings or baskets, growing in any soil. Hardy annuals.

246 Mixed, all colors, 5c. pkt.

Verbena.

Well-known plants of great beauty and variety. When sown early will flower the first season, in flower May to October, half-hardy perennials.



247 *Defiance*—Beautiful, deep scarlet, 10c. pkt.

248 *Italian Striped*—Mixed, 10c. pkt.

249 *Candidissima*—The best pure white, 10c. pkt.

250 *Choice Mixed*—Saved only from the most beautiful named flowers, \$2.50 oz. 10c. pkt.

251 *Fine Mixed*—\$1.50 oz. 5 cts. pkt.

Violet (*Viola Odorata*.)

A well-known favorite, much in demand on account of its profusion in bloom and delightful fragrance, hardy perennials, ½ ft.

252 *Odorata*—Sweet Violet Blue, \$1.50 oz. 10c. pk.

253 *The Czar*—Light Violet, very fragrant, \$2 oz. 10c. pkt.

254 Viscaria (*Rose of Heaven*.)

Flowering the first season. Brilliant colored flowers. Maroon, pink, carmine and rose. Annual. Finest Mixed, 5c. pkt.

Our Mixed NASTURTIUMS Contain All Varieties and Colors.

Wallflower.

Well known, deliciously fragrant garden plants, blooming early in the spring. They should be protected in a cold frame in the winter, and planted out in May; are much prized for bouquet flowers. Half-hardy perennials.

255 Single Mixed, all colors 2½ ft. 5c. pkt.

256 Double Mixed, all colors, 2 ft. 10c. pkt.

Zinnia.

A splendid class of free flowering plants, producing blossoms in great variety of colors, which retain their beauty until destroyed by frost. For ear-



ly flowering sow under glass and transplant when the weather becomes warm, or later in the open ground in May, hardy annuals, 2 ft.

257 Double Purple—5 cts. pkt.

258 Double Scarlet—5 cts. pkt.

259 Double White—5 cts. pkt.

260 Double Mixed—60c oz. 5c. pkt.

261 Dwarf Double Mixed—\$1.00 oz. 10c. pkt.

Wild Flower Garden.

All lovers of flowers who are fond of novelties in the way of flower gardens, and cannot give much time in the way of cultivation, will find this mixture the desirable thing if sown *en masse*, as it will produce a continuous bloom of flowers of every hue, and you will have a mass of floriferous splendor that will last all summer; this mixture is composed of the most free and showy annuals suitable for a wild flower garden.

262 50 cts. oz. 25 cts. ½ oz. 10 cts. pkt.

Whitlavia.

Charming, hardy annual, with delicate foliage and clusters of beautiful bell-shaped flowers. Fine for ribboning, mixed borders or shady spots. Also good for baskets, vases, etc. 1 foot.

263 Mixed Varieties, 5 cts. pkt.

Xeranthemum.

A showy family of hardy annual everlastings. When the flowers are cut young they are useful for winter bouquets.

264 Double Sorts, finest mixed, 5c. pkt.



265 Zinnias Curled and Crested.

The flowers of perfect form—large, round, full and double, the petals being twisted, curled and crested into the most fantastic contortions and graceful forms, rendering them entirely free from the stiffness which was heretofore the characteristic of this family. The individual plants form compact bushes about two feet high by two feet through, and bear well above the foliage. The ease of culture, indifference to special soils or treatment, their early prolific and long continued bloom, excellent habit, magnificent flowers and exquisite colors will render *Curled and Crested Zinnias* a popular garden favorite wherever tried. 15 cents packet.

"ACME" COLLECTION OF FLOWER SEEDS.

Fourteen Packets for \$1.00.

That all may try these beautiful sorts of Flower Seeds we will send one packet each of the following 14 varieties; amounting at regular prices to \$1.50, for \$1.00 by mail, postpaid.

Brugmansia Arborea.	Moon Flower, New Cross-Bred.	Passiflora—"Passion Vine."
Margaret Carnations.	Myosotis—"Forget-me-not."	Schizanthus, Mixed.
Chrysanthemum Frutescens.	Pansy—Non Plus Ultra.	Sweet Pea Emily Hender'sn
Datura—"Sweet Nightingale"	Phlox Drummondii—"Fimbriata."	Zinnia, Curled and Crested
Euphorbia Heterophylla.	Phlox Drummondii—"Star of Quedlinburg."	



ASTER.
Choice Mixed Colors. 5c. Pkt.



PANSY.
Choice Mixed Colors. 5c. Pkt.



POPPY.
Mixed Varieties. 5c. Pkt.



NASTURTIUM.
Finest Mixed. 5c. Pkt.



CHRYSANTHEMUM.
Mixed Annual. 5c. Pkt.



CALLIOPSIS.
Mixed. 5c. Pkt.

An Unprecedented Offer.
Our "GEM" Collection.
10 PACKETS FOR 25c
MAILED FREE.

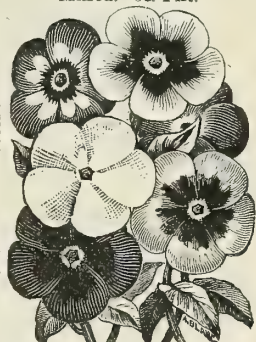
10 Packets of Choice Flower Seeds.

- 1 Packet Aster—Choice Mixed Colors.
- 1 Packet Calliopsis—Finest Mixed.
- 1 Packet Chrysanthemum Mixed A'n'u's
- 1 Packet Nasturtium—Mixed Colors.
- 1 Packet Pansy—Choice Mixed.
- 1 Packet Poppy—Mixed Varieties.
- 1 Packet Marigold—Mixed.
- 1 Packet Phlox Drummondii—Mixed.
- 1 Packet China Pinks—Mixed.
- 1 Packet Mignonette—Sweet Scented.

NO CHANGES WILL BE MADE IN THIS COLLECTION.



MARIGOLD.
Mixed. 5c. Pkt.



PHLOX.
Mixed Colors. 5c. Pkt.



MIGNONETTE.
Sweet Scented. 5c. Pkt.



DIANTHUS CHINENSIS.
China Pinks. 5c. Pkt.

10 5c. Packets for 25c.

Mailed free to any address in the U. S.

Summer-Flowering Bulbs and Roots.

THE SUMMER-FLOWERING BULBS AND ROOTS are inexpensive, very easily grown, require scarcely any care, and produce some of the most showy and beautiful of all summer and autumn flowers. Before hard frost the bulbs must be taken up and stored away in some place secure from frost until spring.

At the prices quoted on single bulbs or by the dozen we send either by express or mail prepaid, by the hundred or thousand at purchasers expense. No less than six will be sent at the dozen, nor less than fifty at the hundred rate.

Amaryllis.

Bulbous plants, with large drooping, bell-shaped, lilylike flowers, varying in color from the richest crimson to pure white, striped with crimson or scarlet, they should be in every collection. None of them will stand the winter out of doors, but some of them may be planted out in May, and will flower quite freely during the summer months. As pot plants for parlor and conservatory decoration during the winter, they are probably unsurpassed by any other genus.



Amaryllis.

	Each	Doz
Belladonna Major —White flushed with rosy purple	15	1 50
Formosissima —Velvety crimson, a desirable border plant	15	1 50
Equestris —Pink, blotched with white at base of petals, large graceful flowers	25	2 50
Rosea —Rose pink	5	50
Tretea —white, fairy lily of the south	4	40

Begonias (Tuberous-Rooted.)

The Tuberous-Rooted Begonias are among the most beautiful of our flowering bulbs. They will bloom throughout the summer, requiring no more care than a geranium. The colors range from the most delicate shades of yellow and salmon to crimson, white and scarlet. The tubers may be preserved dry in winter, by packing in charcoal dust.



Begonias.

Choice Single Varieties—Mixed, 20 cts. each, \$2.00 doz.

Choice Double Varieties—Mixed, 35 cts. each, \$4.00 doz.

Spotted Calla.

(*Richardia Alba Maculata*.)

Leaves deep green, with many white spots. Flowers pure white, with black center. Culture easy, blooms freely, 20c each, \$2.00 doz.

Caladium Esculentum.

One of the most striking of the ornamental foliage plants, either for pot or lawn planting. It will grow in any good garden



Caladium

soil, it is of easy culture, a full sized plant being 4 to 5 feet in height, with immense leaves. The roots should be preserved in dry sand in the cellar during the winter.

We illustrate very few novelties in catalogue, but can supply you with most anything in this line. Send all your orders direct to us enclosing remittance at same time.

EARLY LOUISVILLE CABBAGE (Original Strain,) SURE HEADER.

	per doz.
Small size, 10 cts. each	\$1 00
Second " 25 "	2 50
Large " 35 "	3 50
Extra large 50 "	5 00

Caladium Fancy Leaved.

These plants are especially valuable for decorating conservatories, window boxes, and as specimen plants. Most of the varieties succeed finely in partly shaded warm outdoor borders, in light rich soil, if planted early in the summer. They are never as large as *esculentum*, but the brilliant cardinal red, cream, pink, and various shades of green that are displayed in the veinings and blotches of the leaves cannot be obtained in any other class of plants. For arranging floral baskets or table decorations the leaves are quite as handsome as any flower.

Choice Varieties—25 cts. each \$2.75 doz.

Cannas.

(*Indian Shot*.)

Few plants are more ornamental than the Canna, with its large, broad, massive foliage, growing from three to six feet high, and producing flowers which rival *Gladiolus* in point of beauty. Very ornamental and unsurpassed for massing.



Cannas.

Mixed Varieties—10 cts. each, \$1.00 per doz.
Choice Named Sorts—20c. each, \$2.00 per doz.

Dahlias.

The Dahlia is one of the showiest of our Autumn flowers. Commencing to flower in August, they are in a perfect blaze of bloom until stopped by frost in late Autumn. They delight in a deep, rich soil. should be plant-

ed three and one-half to four feet apart, and be tied to heavy stakes to prevent strong winds from breaking them down.



Double Dahlias.

Double—Finest varieties in distinct colors, 20 cts. each, \$2.00 per doz.

Fine Mixed Varieties—15c. ea. \$1.50 per doz.

Double Pompon or Bouquet—15 cts. each, \$1.50 per doz.

Single Flowering—Assorted colors, 15c. each, \$1.50 per doz.

Cactus Dahlias—Very fine, 20 cts. each, \$2.00 per doz.

Erianthus Ravennæ.

An ornamental grass, with white plumes, growing ten feet high, very fine for lawns, 25c. each, large clumps 50 cts. to \$1.00 each.

Three Gems from Mexico.

(*Beautiful Flowering Bulbs*.)

Plant in the open ground in May and take up in the fall, dry them and pack away where they will not freeze.

Milla Biflora.

Is one of the loveliest and most desirable bulbs known. The flowers are in pairs, of a pure waxy white, nearly 2½ inches in diameter, valuable for green-house or outdoor planting, 7 cts. each, 60 cts. per doz.

Bessera Elegans.

Will bloom in the open ground until frost, and has several spikes of flowers, the flower stems are from one to two feet high, with a dozen or more bell-shaped flowers of a bright coral scarlet with white cups and dark blue anthers, 7 cts. each, 60 cts. per doz.

Cyclobothra Flava.

We offer this golden gem to complete the contrast of the three varieties, the cup is golden yellow with fine black spots on the petals, a few bulbs of each, planted in a cluster, form a beautiful contrast, advise every one to try a few of these bulbs, 7c. each, 60 cts. per doz.

One each of the three varieties 15 cts.

Your Improved Round Pound, Red Valentine Beans proved all that could be desired in a bush Bean.

Hyacinthus Candicans.

Perfectly hardy, produces strong flower-stalks three feet high, terminating in fine spikes of bell shaped, pure white blossoms, 10 cts. each, \$1.00 per doz.



Hyacinthus Candicans.

Gladiolus.

The most beautiful and desirable of all summer flowering bulbs, has become a general favorite and exceedingly popular wherever known. The Gladiolus is of the easiest culture in any good garden soil, and may be planted from April to the middle of June. Set the bulbs four inches deep, and eight or ten inches apart. For a long succession of bloom plant the bulbs at intervals of ten or twelve days.



Gladiolus.

	Each.	Doz.	Per 100.
Scarlet Mixed Shades,	5 cts.	40 cts.	\$2.50
Pink, " "	5 cts.	40 cts.	\$2.50
White, " "	5 cts.	50 cts.	\$3.25
Yellow, " "	6 cts.	60 cts.	\$4.00
Extra Choice, " "	5 cts.	40 cts.	\$2.25
Fine Mixed,	4 cts.	25 cts.	\$1.25

Lilies.

The undernoted varieties of these popular and beautiful flowers are hardy and require little attention after planting, the bulbs should be planted six inches deep, in a well drained location where they can remain undisturbed.



Lilium Auratum.

Auratum—(*Golden Rayed Lily of Japan*).—

This superb, hardy lily has flowers 10 to 12 inches in diameter, composed of six white petals studded with crimson spots, and a bright-golden band through the center of each petal. Fragrant.

	Each.	Per Doz.
Large Size Bulbs	25 cts.	\$2.50
Medium Size Bulbs	20 cts.	\$2.00

Speciosum Roseum, White rose-spotted 20 cts. \$2.00

Speciosum Rubrum, White crimson-spotted fragrant, hardy, free bloomer.

Extra Large Bulbs 25c. each, \$2.50 per dz.

Second Size Bulbs 15c. " \$1.50 " "

Tigrinum—(*Single Tiger Lily*).—Very hardy, orange-red spotted with black, 10c. each, \$1.00 per doz.

Tigrinum—(*Double Tiger Lily*).—15 cts. each, \$1.50 per doz.

Nymphaea Odorata.

(*White Water Lily*.)

This favorite **Water Lily** is easily cultivated in ponds or tubs, on a muddy bottom, with two feet or more of water. Tie the roots to a stone to keep them in place, good strong roots 20 cts. each, \$2.00 per doz.

Funkia. —(*Day Lily*.)

This is a handsome plant, with broad, ovate leaves and fragrant white and blue flowers.

White	25 cts. each, \$2.50 per doz.
Blue	20 cts. each, \$2.00 per doz.

Lily of the Valley.

One of the most charming Spring flowering plants producing in profusion its delicate bell-shaped delightfully fragrant white flowers. It will thrive in any common soil, and will do well in shady situations where few other plants will succeed.



Lily of the Valley.

Large Flowering Pips—5c. each, 30c. per doz.

\$2 00 per 100.

Large Clumps—25 cts. each.

Tuberose.

The Tuberose is one of the most delightfully fragrant and beautiful of summer-flowering bulbs, throwing up tall spikes of double white flowers, two or three feet high which remain in bloom a long time. The



Tuberose.

bulbs may be planted from February to June for a succession of flowers, and plant in the open ground about the end of May. Tuberose are about certain to bloom, being carefully grown and selected.

	Each	Doz.	Per 100
Double—Extra Large Bulbs	\$0.05	\$0.50	\$2.00
Double—Large Size . . .	.04	.40	1.75
Double—Medium Size. Good flowering . . . . .	.03	.30	1.50
Dwarf Pearl—Double Extra Large Bulbs . . . . .	.06	.60	2.50
Dwarf Pearl—Large Size . . . . .	.05	.50	2.00
Dwarf Pearl—Medium Size Good flowering . . . . .	.03	.30	1.50
Single Early—Flower early in July . . . . .	.05	.50	2.75
Single Early—Variegated Foliage, bordering with creamy white, flowers single . . . . .	.07	.65	3.50
Excelsior Pearl, Dwarf— Special fine strain of Pearl, large flowers . . . . .	.07	.75	3.00
Bulbs by the 100 or 1000, sent by Express or Freight, <i>purchasers to pay charges.</i> Write for Special Prices, by the 1000.			

Tritoma Uvaria, Grandiflora.

(*Red, hot Poker Plant.*)

Splendid, half hardy plant, with long, narrow leaves and a tall flower stem, from 3 to 5 feet, with terminal spikes of orange-red and scarlet flowers, each spike 12 to 15 in. in length, thrive in any good garden soil, take up in the Fall and place in the cellar for Spring planting, 25c. each, \$2.50 per doz.

Tigridias.

The Tigridia is a summer flowering bulb and should be planted in the open ground in May, it commences blooming early in July and produces an abundance of gorgeous flowers till October, late in Autumn the bulbs should be lifted, dried and stored in the cellar like Gladioli, it is one of the easiest plants in the world to cultivate and always sure to bloom abundantly in any situation.

Grandiflora Alba—Its flowers are large, of a pearly white color, marked at the base of each division with large spots of reddish brown or chestnut color on a yellowish ground, 7 cts. each 70 cts. per doz.

Conchiflora—Fine yellow spotted with crimson, 5 cts. each, 50 cts. per doz.

Grandiflora—Very large, bright crimson, center variegated with yellow, 5 cts. each, 50 cts. per doz.

Imported Dutch Flowering Bulbs.

For Fall planting, ready September 1st. Catalogue ready in August, mailed free.

To fill the Egg Basket keep the poultry supplied with bones, shells and offals of bones with meat on, ground to a suitable size. Try one of Wilson's Hand Bone Mills, also, use our mixed Grain and Seed,



The Water Hyacinth.

One of the most remarkably curious and beautiful plants ever grown. Instead of growing in soil it floats in the water, which it is enabled to do by means of its curiously inflated leaf stalks. It forms a lovely rosette of its curious, shining green leaves, and throws up spikes of the most exquisite flowers, resembling, in form, a spike of Hyacinth, but as beautiful as many of the choicest Orchids. Each flower is as large as a silver dollar; color, a beautiful lilac rose, sparkling as if covered with diamond dust. 25c. each, \$2.50 per doz.

Crinum Americanum.

An evergreen species and of the easiest culture; is best grown as a pot plant, and can be wintered in the cellar if the soil is kept nearly dry. Its large white, exquisitely fragrant, lily-like flowers are produced in an umbel and borne on a tall scape. A striking plant, and far more beautiful than many of the high-priced sorts; blooms several times a year. 25c. each, \$2.50 per doz.

Spider Lily. — (*Pancratium Caribaeum*.)

This pretty Amaryllis-like flower is of easy culture, freely producing its clusters of large white, fragrant flowers. Plant in good rich soil in pots, or in summer in the open ground; when through blooming, pot them and withhold water until the next season. 20c. each, \$2.00 per doz.

Nymphaea Odorata Gigantea.

A gigantic form of the white pond Lily. Flowers pure white with a golden center three times as large as the common pond Lily, and more cup-shaped. The flowers also possess a distinct and charming fragrance. It is perfectly hardy, and a grand plant for tubs, pools, streams or ponds. 20c. each, \$2.00 per doz.

New Gladiolus, "Snow White."

A distinct improvement in White Gladioli. The entire flower is a paper white, with a slight cream shade on the lower half of the lower petal. 20c. each, \$2.00 per doz.

Gloxinia.

One of the most charming of all pot plants, and it is a pity that they are so little cultivated by amateurs. Their magnificent trumpet-shaped flowers are exquisitely tinted, blotched or "tigered" with minute dots of violet, pink or crimson. Plant in light soil and water very sparingly until growth begins. A slight depression in the bulb indicates the top, and care must be taken to plant it in the correct position. After blooming, gradually withhold water until the leaves die away, dry the bulbs and store them in a dry place. Our bulbs are the pick of the finest European strains. Finest mixed bulbs, 25c. each, \$2.25 per doz.

Hardy Day-Blooming Moon Flower, — (*Ipomoea Pandurata*.)

This white Moon Flower differs from all others, as it has a tuberous root resembling a Dahlia, which is perfectly hardy, living in the ground and increasing from year to year. The beautiful dark green foliage is so dense as to form a perfect screen, covering the vine completely from base to summit. Flowers 4 to 5 inches in diameter. They are pure satiny white with purple throat, and produced in the greatest profusion; open day and night from June to October. A strong plant will give more than one hundred beautiful flowers daily for months at a time, being well distributed over the plant, forming a grand display. 25c. each, \$2.50 per doz.

We import annually direct from the principal BULB GROWERS in Holland every variety DUTCH BULBS for house and outdoor planting. QUALITY CAN NOT BE SURPASSED.



Hardy Ornamental Plants and Shrubs.

We can furnish, strong, healthy plants, suitable for immediate planting. **Cannot be sent by Mail.** (*Ready in March.*)

Althea (*Rosè of Sharon.*)

This is one of the most showy and beautiful flowering shrubs, the flowers are of large size and of various brilliant and striking colors. It blooms freely during August and September

Double Rose—35 cts. each.

Double White—35 cts. each.

Double Variegated—Pink and white 35c each

Double Purple—35 cts. each.

Burning Bush (*Strawberry Tree.*)

Very ornamental and showy, beautifully berried, 50 cts. each.

Cydonia Japonica (*Japan Quince*)

Bright scarlet crimson flowers in great profusion in early spring. One of the best hardy shrubs, 40 cts. each.

Calycanthus (*Sweet scented Shrub.*)

Flowers purple, very double, and deliciously fragrant, remains in bloom for a long time, very desirable, 35 cts. each.

Dielytra Spectabilis.

(*Bleeding Heart.*)



Dielytra Spectabilis.

One of the most ornamental spring-flowering plants, with handsome Pæony-like foliage and long, drooping racemes of bright pink and white heart-shaped flowers, 20 cts. each, \$2.00 per doz.

Deutzia.

One of the most beautiful flowering shrubs
Rough Leaved—White, 25 cts each.

Slender Branched—A charming species pure white, 25 cts. each.

Exochordia.

Grandiflora—Large snow white, flowers in June very beautiful, 35 cts. each.

Forsythia (*Golden Bell.*)

These are pretty shrubs, natives of China and Japan. Yellow drooping flowers, before the leaves, early in the spring, 35c each

Fringe.

Purple Fringe or Smoke Tree—35 cts. each.

White Fringe—50 cts each.

Helianthus Multiflorus Plenus.

Dahlia Sunflower.

There is nothing equal to it among yellow flowers. It grows from 3 to 4 feet high is of bushy and compact habit, and is cov-



Dahlia Sunflower.

ered from top to bottom with splendid golden yellow flowers, the size of Dahlias, and perfectly double. They bloom in July and August (the first season) and are altogether one of the most striking and handsome flowers of its season. It is moderately hardy but should have a light covering of leaves or straw during the winter in cold localities 15 cts. each \$1.50 doz.

Pæonies (*Herbaceous.*)

One of the most showy and desirable of our hardy ornamental plants. Blooming nearly all summer in almost all situations, even under the shade of trees.

White Pink and Red—25 and 50 cts. each
\$2.50 and \$4.50 doz.

Use **SLUG SHOT**, it is safe cheap and effective. and will save your plants. Kills Rose Slugs, Rose Lice, Caterpillars, Currant, Gooseberry and Cabbage Worms, Potato, Melon, Squash and Cabbage Buge.

1 pound pkt. 10 cts. 5 lb. pkt. 30 cts. 10 lb. pkt. 50 cts.

Tree Pæonia.

This plant instead of dying down to the ground every winter, as the herbaceous variety, is a small hard wooded shrub. The flowers are the same in form as the common variety, of a light pink or blush color.
Banksii—1 year old plants 80 cts. each.

Lilacs.

White—25 cts. each.
Purple—25 cts. each.

Pyrus Japonica.

Bright scarlet crimson flowers, in great profusion early in the spring, 40 cts. each.

Hydrangea Paniculata Grandiflora.

(Hardy
Hydrangea.)



This is one of the most hardy shrubs in cultivation. It attains a height of 3 or 4 feet, and is perfectly hardy in all parts of the country, the flowers are white, borne in immense pyramidal panicles nearly a foot in length it commences flowering in July and continues until November. The plants should be cut back every spring at least one-half of the last season's growth, as the flowers are borne on new wood and are much finer when the plants are treated in this way, this is the finest flowering shrub for cemetery planting, 25 to 35 cts. each.

Hardy Hydrangea.

Snow Ball (*Viburnum Sterilis.*)

A hardy shrub, growing 8 to 15 feet, producing large balls of snowy white flowers in June, 35 cts. each.

Syringa (*Philadelphus.*)

Large white flowers, very showy, 25c. each.

Wiegela.

Rosea—30 cts. each.

Fol Variegata—Beautiful leaves margined creamy white, flowers pink, 35 cts. each.

Candida—White, profuse bloomer, 35 cts. each.

Yucca Filamentosa.

A magnificent, hardy plant, with large, pointed evergreen leaves, flower spikes growing from 5 to 6 feet high, with beautiful lily-shaped flowers, lemon scented, 25c. each, \$2.50 per doz.

Spiræa.

Van Houtii—The grandest of all the Spiræas, it is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the



foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme, and these clusters are set close along the drooping stems, perfectly hardy, and an early bloomer, 25c. each.

CLIMBING VINES.

HARDY AND ORNAMENTAL.

(Ready in March and April.)

Aristolochia Siphon.

Dutchman's Pipe—A hardy vine of rapid growth. Leaves large, yellow flowers, resembling a miniature pipe, 35c each.

Ampelopsis.

Virginia Creeper or American Ivy—Hardy climber of rapid growth, 20 cts. each \$2.00 doz.

Ampelopsis Veitchii (Japan Creeper or Boston Ivy)—Hardy, clinging to the smoothest surface. Leaves color finely in autumn changing to the brightest tints of scarlet crimson and orange. Strong two year old plants, 35 cts. each, \$3.50 doz. One year old plants, 25 cts. each, \$2.50 doz.

Apios Tuberosa.

A hardy Tuberos-rooted Climber—Resembling the Wistaria in vine and foliage, sweet violet fragrance, and blooms very freely, the bulbs are hardy and should be left in the ground, 10c each, \$1.00 doz.

Cobæa Scandens.

A beautiful climber of rapid growth, with large blue bell-shaped flowers. Not hardy, 10, 25 and 35 cts. each.

Cinnamon Vine (Chinese Yam.)

The flowers have a cinnamon fragrance is very desirable as a climber, and also used for baskets and vases, the tubers are hardy and may remain in the ground. Tubers 10c each, \$1.00 doz. Bulblets 25 cts. doz.

Clematis.

Most gorgeous climbers with flowers 4 to 7 inches in diameter, growing rapidly and flowering very profusely after becoming well established. They delight in rich soil and a sunny position and are perfectly hardy

LARGE FLOWERING VARIETIES.

Jackmanni—Intense violet purple, with a rich velvety appearance, distinctly veined.

Jackmanni Superba—Very dark violet-purple a large and attractive flower.

Lady Caroline Neville—Delicate blush white, with a broad purplish lilac in the center of each sepal.

Mad Van Houtte—Pure white, extra fine. Strong 2 year old roots 50 cts. each.

SMALL FLOWERING VARIETIES.

Crispa—Lavender and white.

Coccinea—Scarlet.

Strong roots 25 cts. each.

Honeysuckles.

Monthly Fragrant—Red and yellow, fine bloomer.

Halliana—White, changing to yellow, very fragrant, blooms June to November.

Scarlet Trumpet—Bright red trumpet shaped. 25 cts. each \$2.50 doz.

Manettia Vine.

This is the most magnificent flowering vine in cultivation, in the garden its charming beauty surpasses everything. Flowers, intense scarlet, tipped with yellow is of the easiest culture, 20 cts. each.

Madeira Vine

A rapid growing, graceful vine with smooth waxy dark green leaves, and dainty racemes of tiny fragrant flowers, will grow in almost any situation 5c each 50c dz

Wistarias.

American—Light blue, 25 cts. each.
Chinese—White, 40 cts. each.

Wistarias. Beautiful hardy climbers.

Moon Flower (Ipomea Noctiflora.)

This half-hardy plant is a grand and beautiful climber that produces large, pure white, sweet-scented flowers in great profusion, which bloom in the night and on dull days. It is a strong vigorous climber, attaining a height of 25 feet in one season, with ordinary culture, 10 cts. each \$1.00 doz.

Passiflora (Passion Vine.)

Constance Elliot—Ivory white flowers of great beauty and well adapted for house culture or training over trellises during the summer, profuse flowering and very fragrant, 25 and 50 cts. each.

Cerulea—Purple flowers, 2 inches in diameter, 15, 25 and 40 cts. each.



Our house is well known, responsible and reliable, therefore you can send us your orders by mail, and remittance with the order



ROSES.



Everblooming Roses.

Catherine Mermet, bright flesh color.
 Bon Silene, deep rose.
 Devoniensis, creamy white.
 Hermosa, pink, very double.
 Marechal Neil, golden yellow
 Niphetos, pure white.
 La France, very double, silvery pink.
 Bride, white, large and full.



Queen of Bedders, crimson.

Small Plants, 10 cts. each, \$1.00 per doz.

Large " 30 cts. " \$3.00 "

Hardy Hybrid Perpetual Roses

Alfred Colomb, bright carmine red.

Gen'l Jacqueminot, rich crimson.

Victor Verdier, rose, free bloomer.

Coquette des Alps, white shaded crimson

La Reine, rosy pink.

Martha Washington, fine white.

Anna de Diesbach, bright rose, fragrant.

Jules Margotten, deep rose, large and fine.

Madame Gabriel Luizet, silvery, pink, large,

Paul Neyron, dark rose, rich, fragrant.

Prince Camille de Rohan, dark crimson.

Magna Charta, bright, pink, large, fragrant.

Small Plants, 10 cts. each, \$1.00 per doz.

Large 2 year Dormant Plants, 30 cts. each,
 \$3.00 per doz.

Hardy Climbing Roses.

Baltimore Belle, pale blush.

Gem of the Prairie, light crimson.

Small Plants, 10 cts. each, \$1.00 per doz.

Large 2 year Dormant Plants, 30 cts. each,
 \$3.00 per doz.

Hardy Moss Roses.

Glory of Mosses, pale rose.

Luxembourg, brilliant red.

Perpetual White, pure white.

Small Plants, 10 cts. each, \$1.00 per doz.

Large 2 year. Dormant Plants, 30 cts. each,
 \$3.00 per doz.

Papa Gontier, crimson.

Maria Van Houtte, straw yellow color

Perle des Jardines, double, yellow



PLANTS.

\$1.00.—COLLECTIONS SENT POST-PAID.—\$1.00.

will send Half or one Collection and Half of Another when desired, but no other change can be made. No order for collections of plants will be filled for less than \$1.00.

SELECTION OF VARIETIES MUST BE LEFT TO US We will, in all cases, send choice, popular varieties of plants that can not fail to please. All plants are plainly labeled.

No. 1—15 Ever-blooming Roses, good assortment.

No. 2—12 Hybrid Perpetual Roses, good assortment.

No. 3—7 Ever-blooming and 4 Hybrid Perpetual Roses.

No. 4—3 Hardy Climbing and 7 Hybrid Perpetual Roses.

No. 5—15 Finest Single Flowering Geraniums.

No. 6—15 Finest Double Flowering Geraniums.

No. 7—7 Double and 7 Single Flowering Geraniums.

No. 8—6 Single, 6 Double and 2 scented Geraniums.

No. 9—15 Coleus, beautiful varieties, or of one variety if desired.

No. 10—12 Chrysanthemums, large and small flowering, for cut flowers or outdoor bedding.

No. 11—14 Carnations.

No. 12—14 Fine Fuchsias, all named sorts

We are not only sellers but one of the largest "cash" buyers in the State of every variety of GRASS and FIELD SEEDS, Fancy Seed Grain, etc. Would be pleased to receive Samples of any Fancy Stock you may have to offer.



New Dwarf Large-Flowering Cannas.

CANNAS.

CROZY'S DWARF FRENCH.

Madame Crozy—4 ft. The immense flower heads are of the deepest vermillion, gold bordered, and follow each other so rapidly that the plant is always in bloom. The petals are very wide and broadly rounded; foliage green.

Star of '91—3 ft. Good foliage, and has a persistent habit of throwing up fresh sprouts from the base. Every sprout produces a flower spike. The color is glowing orange scarlet, faintly banded with golden yellow.

Childsii—3½ ft. Foliage strong, color light green; flowers good size, clear yellow, brilliantly spotted crimson.

Adolph Wieck—Green leaves, with very large brilliant scarlet flowers, almost as large as Gladiolias. Exceedingly handsome.

Antoine Crozy—Rich, deep green foliage; a strong, vigorous grower and free bloomer; flowers of a bright cherry carmine; very effective. 4½ feet.

Emile Leclair—Flowers large, bright golden yellow, mottled and spotted crimson and scarlet.

20 cents each. \$2.00 per dozen.

CANNAS, TALL GROWING.

Discolor—8 to 10 ft. Magnificent bronzy red leaves; flowers small, red, very late bloomer. Best tall foliage variety.

Robusta Perfecta—A most distinct and handsome sort, bearing immense leaves 12 to 18 inches wide and 3 feet long, of a bright, bronze-red color; 6 to 7 feet high.

20 cents each. \$2.00 per doz.

Ehemani—A very broad, emerald green leaf, clearly veined; growth most luxuriant. The flower heads are well above the foliage and each individual flower with a long crimson tube, distinguishing it from all other Cannas.

DOUBLE DAHLIAS.

Abbe Bertin—Maroon, very dark free and early bloomer, dwarf plant about 2 feet high, flower ball-shaped, with long stem.

A. D. Livoni—4 ft. This is the most lovely form of any pink Dahlia. Has long stems, petals beautifully quilled, regular and double to the centre. An early and profuse bloomer.

Gem—3 ft. Deep crimson; very double and a good bloomer.

Guiding Star—(Pompon.) Flowers pure white, of the most perfect shape; the edges of the petals are beautifully fringed. The plant is dwarf and bushy, and very free flowering. One of the best for cut flowers.

Jewel—White, blotched and variegated with red.

Lucy Fawcett 3 ft. Yellow, striped scarlet; large flowers produced freely on long stems.

Miss Thatcher—3 feet. Flowers large, full double, clear sulphur yellow, carried on stout stems well above the foliage; earliest, most constant and prolific bloomer.

White Dove—Flowers are extra fine, double, pure white, stems very long; height 3½ feet. The cut flowers of this variety are more sought for by the florists than any other.

20 cents each. \$2.00 per doz.



Double Dahlias.

Chrysanthemums.

Cullingfordli—Reflexed, brilliant velvety crimson, shading to scarlet.

Excellent—An exquisite shade of delicate shell-like pink, large, finely formed flowers, gracefully drooping and double to the center.

Gloriosum—Very light lemon color. Flowers very large, petals narrow, curled and twisted. A beautiful yellow.

Kioto—Deep yellow, with a peculiar waxy lustre; petals incurved and twisted like talons.

Lillian B. Bird—Beautiful light pink, extra fine.

Louis Boehmer—Clear lilac, incurved petals, feathered like those of Mrs. Alpheus Hardy, but a better flower and stronger grower. No collection is complete without it.

Walter W. Coles—Very bright reddish terracotta, reverse pale yellow; outer petals brown, long-pointed and horizontal; center short petals, bright gold folded into pointed threads, and whorled. A very large flower, and exquisitely beautiful.

L. Canning—Clear white, large flat flower.

Miss Jessie Hinsey—A bright canary yellow variety; large incurved flowers of perfect form and fine substance.

Mrs. Alpheus Hardy—(Ostrich Plume)—A magnificent pure white variety of the largest size and perfect form, splendidly incurved. Purity of color, size, form, and all the essentials of a fine Chrysanthemum.

Mrs. Fottler—A large double flower, very full, opens flat, but develops into a half-sphere; color clear soft rose, free flowering and of symmetrical form and growth.

Robert Bottomley—Large, pure white, irregularly twisted and incurved.

W. F. Lincoln—Bright yellow, large splendid flower.

10 cents each. \$1.000 per dozen.

Carnations.

Grace Wilder—Clear Pink, long stemmed flowers, thrifty and constant bloomers.

Fred Creighton—Rich salmon pink, petals fringed, flowrets large and fragrant, on long stems.

Golden Gate—This is the finest of all the yellow varieties, full and double as Buttercup, but a brighter golden color. It is a very vigorous and healthy grower.

Hinze's White—Flowers very large and of perfect shape; color white, with a delicate creamy tint; rich clover fragrance.

Lizzie McGowen—An elegant white variety that is destined to become very popular, being of the purest white color, large, full and very attractive; very prolific and fragrant.

10 cents each. \$1.00 per dozen. Large plants, 25 cents each.

President Garfield—Color a deep scarlet crimson; ends of petals twirled in shell-like fashion. The flowers are produced in great abundance.

Portia—The finest scarlet and most productive of its class. Strong grower, free bloomer, an excellent sort.

Silver Spray—Unusually free blooming; flowers produced on long stems, very large and perfectly formed. Never bursting, pure white in color and beautifully fringed.

Star Light—Flowers large and of perfect shape, of a light canary yellow color.

Tidal Wave—Brilliant rosy carmine, fine form and substance. One of the best.

ALBINO TUBE ROSE.

New Early Flowering, Branching Tuberos.

Awarded a Certificate of Merit by the National Florists Convention, U. S. A.

The distinctive features of this single white tuberos are such as to make it most popular. The petals recurve gracefully, which adds greatly to the size of the individual flower. The flower spike is very large and evenly filled; flowers 30 days earlier than the old single variety, throwing from two to five flower stems from a single bulb, the tube and expanded sepals being of the purest waxy white, making it one of the most valuable plants ever introduced for cut flowers. Resembles a Stephanotis, or some species of Jessamine as much as a Tuberos, both in appearance and fragrance, for the odor is less heavy than that of the ordinary Tuberos. 15 cents each; \$1.50 dozen; \$10.00 per 100.

Persons purchasing Seeds at our Store, or who wish to pay their own express charges may deduct 10 cents per pound from all seed bought by the pound, if quoted at prepaid rates.



GAME GUANO. BEST FERTILIZER FOR ALL CROPS.

NEWER VARIETIES ROSES—EVERBLOOMING.

American Beauty—Flowers and buds very large, color, deep glowing carmine, with richest fragrance. It is a strong grower, continuous bloomer.

Clothilde Soupert—Large flowers beautifully formed, of a pearl white color; shaded at center silvery rose.

Duchess de Brabant—Soft rosy flesh, changing to deep rose, edged with silver, extra free bloomer.

Duchess of Albany—A magnificent Hybrid Tea of great size and beauty. It is a sport from La France, and its color is the deepest shade of pink, with a satiny luster. Exceedingly fragrant and of perfect form.

Mad. Camille—Delicate salmon pink, reverse of petals veined white, large and full, very sweet.

Mad. Welch—Outside petals pale yellow, center deep orange, flowers large and fine.

Marie Lambert—A pure white ever-blooming rose of large size and delicious fragrance. One of the best.

Souvenir de La Malmaison—A noble rose. The flowers are extremely large and double, the center flesh color, clear and fresh.

Souvenir de Wooten—An extra free-flowering variety. It produces an unusual quantity of beautiful rosy, crimson flowers, of fine shape and very double.

Small plants 10c. each; \$1.00 per doz.



The Queen—Pure white, vigorous and healthy grower and continuous bloomer, producing a great abundance of buds and flowers all through the season.

Narcissa—A pale lemon yellow, free, of medium size, very pretty and good bloomer.

Waban—A fine, strong growing red sport from Mermet. This is a fine forcing rose, and the color commends it on account of its depth and lovely shading.

Large plants 30c. each; \$3.00 per doz.

VEGETABLE PLANTS AND ROOTS.

As we grow these plants ourselves they are always well packed and can be shipped fresh from beds on short notice.

PRICES DO NOT INCLUDE PREPAYMENT BY MAIL OR EXPRESS.

ASPARAGUS ROOTS.

	per 100	per 1000
Colossal—Two year old roots	\$1 00	\$7 00
Palmetto " "	1 00	7 50

EARLY CABBAGE PLANTS.

(Ready about April 1st.)

Early Jersey Wakefield	75	6 00
Louisville Drumhead	75	6 00

LATE CABBAGE PLANTS.

(Ready in June.)

Large Late Drumhead	40	3 50
Premium Flat Dutch	40	3 50

CAULIFLOWER.

(Ready May 1st.)

	per doz	per 100
Henderson's Snowball	40	1 50
Early Dwarf Erfurt	40	1 50

CELERY PLANTS.

(Ready June to August.)

	per 100	per 1000
White Plume	50	3 50
Golden Heart	50	3 50
White Solid	50	3 50
Golden Self-Blanching	50	4 00

EGG PLANTS.

(Ready in June.)

	per doz	per 100
New York Improved	40	2 50
HORSE RADISH SETS.	15	75

PEPPER PLANTS.

(Ready June 1st.)

	per doz	per 100
Large Bell or Bull Nose	\$ 40	\$1 25
Ruby King	40	1 25

RHUBARD ROOTS.

(Ready April 1st.)

	each	per doz.
Single Eye	10	1 00
Large Clumps	25 to 50c.	each

SHIVES.

(Ready in April.)

	each	per doz
Single Clump	10	1 00

SWEET POTATO PLANTS.

(Ready Early in June.)

	per 100	per 1000
Nansemond Yellow	30	2 50
Jersey Yellow	30	2 50
Red Bermuda	40	3 50
Southern Queen	35	3 00

TOMATO PLANTS.

(Ready about May 1st.)

Acme, Livingston's Beauty, Favorite, Dwarf Champion, Mikado, Trophy.

	per doz	per 100
Transpl't'd in baskets 1 doz. each	40	2 50
From hot-beds, transplanted	25	1 25

OSAGE ORANGE PLANTS. (For Hedge.)

Strong Plants .40c. per 100; \$3.50 per 1000

GENERAL LIST OF PLANTS.

All Small Plants by Mail Post-paid. Large Plants by Express, at Expense of Purchaser.

	Each.	Per Doz.
Abutilons	\$0 10	\$1 00
Alternantheras	08	75
Begonias, Flowering	10	1 00
Begonias, Rex	10	1 00
Centaureas	15	1 50
Carnation Pinks	10	1 00
Coleus, fine varieties	08	75
Chrysanthemums, named varieties	10	1 00
Double Daisies, white and crimson	10	1 00
Geranium, single varieties	10	1 00
" double "	10	1 00
" fancy & Ivy leaf "	10	1 00
" fragrant "	10	1 00

	Each.	Per Doz.
Lantanas	10	1 00
Lobelias	10	1 00
Pansies, extra large flowering	8	75
Petunias, Single	10	1 00
Verbenas	10	1 00
Verbenas Lemon	10	1 00
Fuchsias	10 to 25	1 00 to 2 50
Heliotropes	10 to 15	1 00 to 1 50
Hollyhocks, double	10 to 15	1 00 to 1 50
Petunias, double	15 to 20	1 50 to 2 00
Salvia	10 to 15	1 00 to 1 50
Violets double & single	15 to 20	1 50 to 2 00

Fruit Trees, Grape Vines, Small Fruits, Etc.

Ready in March and April.

Please send in your orders early, to secure prompt shipment. Sent by Express or Freight, at expense of purchaser.

Grape Vines.

	2 YEARS.	
	Each.	Doz.
Catawba, late red	\$0 15	\$1 25
Concord, black	10	1 00
Delaware, small red	20	2 00
Brighton, light red, changing to crimson	25	2 50
Empire State, white, very fine	30	3 00
Ives, dark purple, sweet, hardy	10	1 00
Lady Washington, deep yellow color, sweet	30	3 00
Martha Early, pale yellow, with white bloom and sweet	15	1 50
Moore's Early, black, hardy and productive	20	2 00
Pocklington, color light golden yellow, choice	20	2 25
Salem, Early, large, red, sweet, good keeper	20	2 00
Wilder, (Roger's No. 4) deep blue back, juicy, rich and sweet	20	2 00
White Niagara, large compact bunches, weighing 8 to 14 ounces, quality sweet and melting	20	2 25
Eaton, bunch very large, weight 1 to 1 1/4 lbs. skin black, sweet and juicy pulp, a very superior grape	50	5 50
Colerain, a new white grape, hardy, flesh juicy and remarkably sweet, 1 year old 75c. 2 year old \$1.00.		

Currants.

	2 YRS OLD.	
	Per Doz.	Per 100.
Large Cherry and Red Dutch	\$1 00	
White Grape and White Dutch	1 00	
Lee's Prolific—Black, large	1 25	
Fay's Prolific—color red, very large, the best grown	2 00	

Gooseberries.

	2 YRS. OLD.	
	Doz.	Per 100.
Downings, very large and fine quality	\$1 25	\$6 00
Houghton, medium size, very productive	1 00	5 00
Smith's Improved, large, thin skin, best for table use	1 25	7 00
Industry, English sort, of very large size, hardy and prolific	2 50	

Blackberries.

	Per Doz. Per 100.	
	\$0 50	\$2 00
Snyder, hardy and prolific		
Early Harvest, very prolific, choice variety	50	2 00
Taylor's Prolific, fruit large and good quality	75	3 00

Raspberries.

	Per Doz.	Per 100.
Gregg, the largest and most prolific black cap	\$0 40	\$1 50
Cuthbert, large crimson berry, one of the best	40	1 50
Shaffer's Colossal, the largest of all purple berries	50	2 00

Try our Famous Kentucky Field Pumpkin Seed. The best for general use 5 cts. pkt. 10 cts. oz. 35 cts. lb.
SYRACUSE STEEL FRAME CULTIVATORS, the best Horse Cultivator on the Market.

Dewberry.

Lucretia—One of the low growing, trailing Blackberries, in earliness, size and quality it equals any of the tall-growing sorts, 50 cts. per doz., \$2.00 per 100.

Strawberries.

Can supply any of the following leading varieties.

Plants marked (P) must be planted with staminate varieties to produce perfect berries

Bubach No. 5, (P)	Haverland, (P)
Chas. Downing,	Crescent Seedling, (P)
Cumberland,	Jessie,
Jersey Queen, (P)	Jas. Vick,
Kentucky,	Sharpless,
Wilson Albany.	

20 cts. per doz. 75 cts. per 100. Special price by the 1,000.

FRUIT TREES.

Apples.

Standard, 2 and 3 years old, 5 to 7 feet high, 25 cts. each, \$2.00 per doz.

(*Summer.*)

Early Harvest, medium, pale yellow, tender.
Golden Sweet, large, pale yellow, very sweet.
Red Astrachan, large, beautiful deep crimson.
Sweet Bough, large pale yellow tender sweet.
Summer Queen, fair size, yellow & red, tender.
Tetofsky, med. size, yellow, striped red, acid.
Western Beauty, large, pale, striped red, fine.

(*Autumn.*)

Duchess of Oldenburg—Good size, yellow, streaked red, juicy, rich, sub-acid.
Belleflower—Medium to large, yellow.
Maidens Blush—Large, beautiful, blush cheek.
Rambo—Medium, tender, juicy, mild flavored

(*Winter.*)

Ben Davis—Large, handsome, striped, good quality, valuable late keeper.
Bailey's Sweet—Large, striped, deep red, tender.
Baldwin—Large, bright red, crisp, juicy, rich.
Grimes' Golden—Good size, yellow, of highest quality, very productive.
Golden Russet—Medium, dull russet, crisp, juicy, high flavored.
King of Tompkins County—Large, striped red and yellow. One of the best.
Northern Spy—Large, striped, mild, sub-acid and tender, with a rich delicious flavor.
Rawles Janet—Medium, greenish, yellow, striped with red, rich, crisp and juicy, a long keeper.
Rome Beauty—Large, yellow, shaded with bright red, flesh yellow.
Smith's Cider—Medium, striped, flesh tender, juicy, sub-acid.

Crab Apples.

5 to 7 Feet, 30 cts. each, \$3.00 per doz.
4 to 5 Feet, 25 cts. each, \$2.00 per doz.

Sweet Cherries.

Black Eagle, large, black, high flavored, July.
Early Purple Guigne, the earliest fine variety, June.

Governor Wood, very large yellow, June.
Rockport Bigarreau, very large, pale red, July, 5 to 7 feet, first-class, 50c each, \$5.00 doz.
 4 to 5 feet, medium, 30c each, \$3.00 doz.

Sour Cherries.

Early Richmond, medium size, dark red, June.
English Morello, medium to large blackish red August.

Late Duke, large, light red, July.
May Duke, large, red, June.
 4 to 6 feet, first-class, 40c each, \$3.50 doz.
 3 to 4 feet, medium, 30c each, \$3.00 doz.

Peaches.

3 to 5 feet, 25 cts. each, \$2.00 per doz.
Alexander, red, early June.
Crawford's Early, unsurpassed, August.
 " **Late**, splendid, September.
Early York, white and bluish, August.
George IV, large, juicy, sweet, September
Hale's Early, medium size, July.
Old Mixon, pale yellow, September.
Champion, New, early, white with red cheek, delicious flavor, large size, good shipper freestone. The best large sized, early peach. Hardy and very productive, 30 cts. each, \$3.00 doz.

Plums.

On Plum Stocks, No. 1, 50c. each, \$5.00 doz.
Bradshaw, very large, dark violet red, Aug.
General Hand, large, golden yellow, Sept.
Gennil, very large, deep bluish purple, Sept.
Moore's Arctic, remarkably hardy, dark purple.

Apricots.

Common Sorts, 4 to 5 feet, 40c. each, \$4.00 doz
Russian " 4 to 5 feet, 50c. each, \$5.00 doz

Pears.

The letters D and S denote Dwarf and Standard Trees.

Dwarf and Standard—6 to 8 feet extra, 50 cts. each, \$5.00 per doz.
Dwarf and Standard—5 to 7 feet, first-class, 50 cts. each, \$5.00 doz.
Bartlett—Large size, very juicy and high flavored. Last of August D. and S.
Clapp's Favorite—A large fine pear, pale lemon yellow, August and September, D. and S.

PERSIAN INSECT POWDER, the best in the world for destroying Ants, Fleas, Roaches, Flies etc.

¼ lb. 15 cents, lb. 55 cents. 15 cents per lb. extra by mail.

Flemish Beauty—Large, beautiful, juicy, melting, rich and fine. September and October. D. and S.

Doyenne D'Ete—Small, sweet, yellowish, August. D. and S.

Le Conte—Fruit large, skin smooth, pale yellow.

Kieffer's Hybrid—Fruit of fine size, rich color and good quality. October and November. D. and S.

Seckel—Small, rich, yellowish brown, one of the best and highest flavored pears known. Sept. and Oct. D. and S.

Lawrence—About medium, yellow, thickly dotted, very rich, fine flavor, one of the best. Very productive. December to January. S.

Persimmons.

Common—2 to 3 feet, 40 cts. each, \$3.75 doz.

Mulberries.

Russian—5 to 7 feet, 50 cts. each, \$4.50 doz.

Quinces.

3 to 4 feet, 50 cts. each, \$5.00 per doz.

Champion—Very large and tender.

Orange—Large, Golden yellow.

Nuts.

	Each	Doz.
Almonds —Hard and soft shell		
3 to 4 feet	50	\$5 00
Butternut —6 to 9 feet	50	5 00
Black Walnut —5 to 7 feet	50	5 00
Chestnut , American sweet,		
6 to 7 ft.	50	5 00
Walnut —English, 3 to 4 feet	50	4 00

Deciduous Trees.

	Each.
Ash , white and European	\$0 50
Catalpa , Speciosa	50
Elm , American and Scotch	75
Horse Chestnut , white flowering	75
Linden , American and European	60
Magnolia , Acuminata	75
Maple , Silver Leaved,	50 to 1 00
Rock or Sugar	75
Weir's Cut Leaf	75
Mountain Ash , European and Oak-leaved	75
Poplar , Lombardy	50 to 75
Golden	75
Carolina	75
Willow , Laurel Leaved	75

Weeping Trees.

	Each.
Ash , Golden Bark	\$1 00
Birch , Cut Leaved	1 00
Beech , Pendula	1 50
Elm , Fulva Pendula	1 00
Mountain Ash , Weeping	1 00
Willow , New American and Kilmarnock	75

Evergreens.

	Each.	Doz.
Arbor Vitæ , American, 18 to 24 in.	\$0 20	\$2 00
" " " 2 to 3 feet	30	3 00
" " " 3 to 5 feet	50	5 00
" " Compacta , 12 to 15 in.	25	2 50
" " " 15 to 18 in.	40	4 00
" " Pyramidalis , 2 to 2½ ft.	65	7 00
" " Siberian , 1½ to 2 feet	45	4 80
Fir Silver , American Balsom,		
1½ to 2 feet	30	3 00
2 to 3 feet	50	5 00
Juniper , Irish, 2 to 3 feet	50	5 00
Pines , Austrian and Scotch 2 to 3 ft.	50	5 00
" " " 4 to 5 ft.	60	6 00
Pine , White, 3 to 4 feet	50	5 00
Spruce Norway , transplanted		
1½ to 2 feet	20	2 00
Spruce Norway , transplanted,		
2 to 3 feet	40	4 00
Spruce , Hemlock or Weeping,		
2 to 3 feet,	50	5 00

Evergreen Shrubs.

	Each.	Doz.
Box Tree , 6 to 10 inches	\$0 25	\$2 50
" Dwarf , 4 to 6 inches	10	75
Mahonia , Aquifolia, 2 to 2½ feet	30	3 00

BOOKS.

Sent Post-paid on Receipt of Price.

How the Farm Pays —(Henderson & Crozier.)	\$2 50
Gardening for Pleasure —(Henderson.)	2 00
Gardening for Profit —(Henderson.)	2 00
Handbook of Plants new edition,	
.	4 00
Mushroom Cultur —Illustrated	50
Onions —How to raise them profitably	30
Practical Floriculture —(Henderson.)	1 50
New American Poultry Book —Paper	25
Bee Keepers —Handy book, (Alley)	1 00
Bee Culture —(Thos. G. Newman)	40

Cleves' Angle Trowel.

THE NEW HANDY DIGGER.



This Trowel is one solid piece of steel—shank and blade. It is well made and is warranted not to pull out of the handle, and will not fall to pieces or get out of shape with a few days' work. It was originally intended for digging plantains from lawns, its strong, angular form being specially adapted to prying and twisting; but it was found to be equally advantageous for florists' and amateurs' use in general garden work.

No. 1—8 in. blade, 35c. No. 2—7 in blade, 30c.
No. 3—5 in. blade, 25 c.

GRASS AND FARM SEEDS.

This department has been our leading specialty for many years. Our building and location is one of the best in the State, and we have past season added to our already *improved and complete Machinery over double former large capacity*, so that we now run by Electric Motor Power 6 Improved Combined Cleaners and Separators, also Power Corn Sheller. Can upon a minutes notice turn out a car load or more of most every variety of Grass and Field Seeds, Pop Corn, etc., of the best qualities, and our bulking always runs uniform.

Our Facilities Cannot Be Excelled.

As the prices are constantly changing, we offer them subject to market fluctuations. Where customers are in need of large quantities, we will be pleased to quote lowest market prices. All orders with cash filled at the lowest market price on day of receipt.

2 bushel Burlap Bags, 10 cents each. 2 bushel Seamless Cotton Bags, 20 cents each.

Emerald or City Park Lawn Grass Seed.

Is composed exclusively of the very best varieties of Grass, such as long experience has shown to be best adapted to produce a thick, heavy, carpet-like lawn. In this mixture use only the very best re-cleaned seed, and can guarantee that for purity and germination, it is equal to any variety sold under any name. One of the greatest troubles in obtaining a good lawn is to get it free from weeds. These, while not always in the seeds, but quite often in the ground, or come from the use of stable manure, are, nevertheless, always objectionable. Our customers can rely, in buying Emerald Lawn Grass Seed, on its being the very purest seed obtainable, and entirely free from weeds or foreign seed. For a new lawn sow 4 to 5 bu. to the acre. For renovating sow 2 to 3 bu. to the acre.

Price per $\frac{1}{2}$ lb. 15 cts.; 1 lb. 25 cts.; 2 lbs. 50 cts.; 5 lbs. \$1.00; 16 lbs. \$3.00.

(5c. per $\frac{1}{2}$ lb. and 10c. per lb. extra if sent by mail.)

Kentucky Blue Grass.

This grass is almost universally known, and furnishes a moderate supply of pasture of the best quality.



Kentucky Blue Grass.

It varies in appearance and size according to soil, and in some parts of the country grows spontaneously. It stands drought pretty well, and if let grow up in fall without grazing, makes a good winter pasture. Sow in fall or spring at the rate of two to three bushels per acre.

EXTRA CLEAN, 25c. per lb. FANCY, 30c. per lb. by mail, post-paid.

Write for special price on large lots.

Meadow Fescue.

This thrives in all soils, excellent for permanent pasture, starts early and is very productive; grows two to three feet high, and does well in almost any soil; makes fair hay. Sow in Sept'r. or early in spring at the rate of 1 to $1\frac{1}{2}$ bu. per acre (by mail post-paid 25c. per lb). **Extra Fine**—per lb. 15 cents.

Second Grade—per lb. 12 cents.

Orchard Grass.

One of the very best grasses in cultivation, and rapidly coming in favor if cut just at the coming into bloom (as it always should be) a good second crop will follow and sometimes even a third. Is recommended for sowing with red clover as they come into flower at the same time. Orchard Grass is one of the earliest grasses, yields immense crops, and makes the best of hay; it endures considerable shade, and is much used for sowing in orchards. $1\frac{1}{2}$ to 2 bushels of seed will sow an acre. (By mail, post-paid, 25 cts. lb.) 10 to 14 cents per lb.



Orchard Grass.

Perennial Rye Grass.

(Imported English Blue Grass.)

Is considered quite valuable, as it affords pasture quite early in the spring. The leaves are flat, long and glossy; the stalks rather short, seldom over eighteen inches in length. The seeds are large, strong and make a vigorous young plant soon after sowing. The grass is quite variable in size and appearance. Sow in early spring at the rate of 1 to $1\frac{1}{2}$ bu. per acre. (By mail, post-paid, 25c. lb.) 12 cents per lb

Our No. 22 $\frac{1}{2}$ Harness for \$14.00 is equal to what many Harness dealers sell at \$25.00. They are fully warranted.

Red Top.

This perennial native grass produces rather late in the season a reddish purple, or greenish panicle of flowers. It thrives best on low land, where it cuts a good crop of rather light hay of fair quality. It is very suitable for pastures on low ground. Sow in September or early spring at the rate of one or two bu. per acre. (By mail, post-paid 20 cts. lb.)

Prime—5 cents per lb.

Choice—6 cents per lb.

Fancy—12c. per lb. \$10.00 per 100 lbs.



Red Top.

Timothy.

This grass stands at the head for meadows, particularly for hay that is to be baled for the market, if cut at the proper time, which is, when in full bloom. I prefer to seed it in the fall—September—if it is seasonable, and if, by any reason, their is a partial failure, go over the ground in the spring. Sow $\frac{1}{4}$ to $\frac{1}{2}$ bu. seed per acre. *Market Price.*

Sweet Vernal.

Is very fragrant, especially when bruised. For a mixture with other grasses for pasture it is quite valuable, as it starts early in spring and grows until late in the fall. For Hay its chief merit is its fragrant odor. It is a vegetable condiment rather than a grass of nutritive value. (By mail, post-paid, 35 cts. lb.) 23 cents per lb.



Johnson Grass.

Johnson Grass—A perennial, a rapid grower, long cane like roots; the leaf stalk and panicle of this Grass resembling those of other Sorghums. Sow at the rate of one bushel per acre, and should be sown in August or September to secure a good crop the following year. Spring sowing brings good crops, but not so heavy as when sown the previous fall; cover lightly. (By mail, post-paid, 25 cts. lb.) 10 cents per lb.

Italian Rye Grass—An early rapid grower, producing large leaves and succulent food. It does best in moist soils. Sow early in spring or fall about 25 lbs. per acre. (By mail, post-paid, 25 cts. lb.) 14 cents per lb.

Sheep's Fescue—Grows naturally on light, dry, sandy soils and mountain pastures. Is considered quite valuable as a mixture with other grasses for permanent early spring. (By mail, postpaid, 30 cts. lb.) 16 cents per lb.

Tall Meadow Oat Grass—This is a perennial grass, has broad, flat leaves and grows about three feet high. Has an abundance of long fibrous roots penetrating deeply in the soil, enabling it to withstand drouth and cold. Sow at the rate of two bushels per acre in early fall or sheep pastures. (By mail, post-paid, 40 cts. lb.) 20 cents per lb.

Wood Meadow Grass—This grass, as its name implies, is found naturally in shady woods, and is well adapted to growing under trees, but will also on exposed places and on light, thin soil, by mail, post-paid, 50c. lb. \$35.00 per 100 lbs.

German or Golden

Millet—(*True Southern Grown.*) It has been fully established that German Millet grown in the North'n and Western States becomes deteriorated, and soon resembles Fox Tail in quality and yield. This is due to the fact that German Millet is a native of a warm climate. **SOUTHERN GROWN SEED** is worth double that of Northern or Western grown, if you want a good crop of hay. We are prepared at all times to fill orders at market price.

Missouri or Common Millet—(*Market price.*)

Hungarian Grass—This grass resembles the millet, it is of fine growth, and makes an excellent hay. (*Market price*)



German Millet.

Try our New Washington Market Large Lima Beans, the best flavored and most prolific Bean on the Market. Pint 20 cts. Quart 40 cts. add 15 cts. per Quart for postage. Special rates on Large Quantities.

CLOVERS.

Red Clover—Market price. In ordering always state quality desired, otherwise will send the best; the grades of the market are Good, Prime and Choice.



Red Clover.

Sapling Mammoth Large English or Pea Vine

Clover—*Trifolium Pratense Perenne*. Compared with common Red Clover, its flowers, foliage and stems are of a darker color, and its seed is the product of the flowers of the first crop, while the common Red Clover is the product of the flowers of the second crop. It is valuable when sown with other grasses for mixed hay, as it ripens later than the common Red Clover and about the time that Timothy, Orchard and other grasses ripen, thereby making the hay a much better quality. The best for soiling purposes. Market price,

Sainfoin or Esparsette—A perennial, the duration of good crops being about eight years. Grows two to three feet high; flowers in spikes from June to August of a beautiful pink or flesh color, on long foot-stalks.

By mail, post-paid, 30c. lb. 100 lbs. \$15.00.

White Dutch Clover—*Trifolium Repens*.

Grows naturally in pastures in a great variety of soils and situations, and is an indispensable requisition in all parks and lawns.

By mail, post-paid, 45 cts. lb.; 100 lbs. \$30.00.

Alfalfa Clover.

The most valuable forage plant. It thrives best on a sandy loam, the richer the better, and in such will produce several crops

every season. In the driest and most sultry weather, when every blade of grass withers, Alfalfa is as fresh and green as in the spring, as its roots go down from 10 to 20 feet to the moisture of the ground. Although a prodigious yielder it does not exhaust the soil, but rather improves the ground by the decay of its long roots, and converts it into rich ground, full of vegetable matter. The seed may be sown early in the spring. Alfalfa will not flourish on land where water stands a short distance below the surface, nor in heavy, sticky clay. It attains its highest perfection on mellow, well drained or rolling land. Sow (drills), 15 lbs. per acre. By mail, post-paid, 35 cts. lb. \$15 per 100 lbs.



Alfalfa Clover.

Alsike or Swedish Clover—So called from being intermediate in its appearance between the Red and White Clovers, possessing qualities common to both being productive, sweet and permanent. Will grow well on very poor soil. Should be used in mixtures of grasses and clovers for pasture, and will improve the quality of the hay if mixed with the meadow grasses. It is also esteemed highly for pasturage for bees. By mail, post-paid, 35c. lb. 100 lbs. \$20.00

Cauliflower, Cabbage, Celery, Pepper, and Sweet Potato Plants all in their season.

Bokhara Clover—A large plant quite valuable for soiling, producing several crops in a season, its branches bear numerous white flowers which are sweet and fragrant, excellent pasture for bees. By mail post-paid, 40c. lb. \$25 per 100 lbs.

Japan Clover—A perennial, growing about twelve inches high, of spreading habit and will withstand excessive heat. Valuable only in the South, where it will grow on any soil, and in the driest season. 10 to 15 lbs. per acre, by mail, post-paid, 50 cts. lb. 100 lbs. \$30.00.

Scarlet or Crimson Clover.



Scarlet Clover is an annual and should be sown in Spring, and August or September. It germinates quickly, grows very rapidly through the fall and winter, blossoms about May 1st. This Clover can be sown after crops have been removed from the ground. In this way it will prove of inestimable value in holding the valuable nitrates in the soil that are otherwise washed out of the bare ground; furnishes fall, winter and spring pasture, and enriches and stores up plant food for the next crop.

The plant grows from 1½ to 2 feet high, with magnificent root formation extending four feet deep, even in unfavorable soils. It can be turned under for fertilizer for any crop early in the spring, or will produce eight tons of green fodder on good ground by May 10, or two or three tons of superior hay. It flourishes on poor soils and furnishes for them more plant-food in a short time than can be done in any other way. Being a supplementary or "stolen" crop, no other crop need be omitted to grow it; it grows quick and adds fertility to the soil beyond the ability of any other known plant in so short a time.

Sow at the rate of 10 to 15 lbs. per acre, covering with harrow or cultivator. Nothing like it for sowing on ground after potatoes are harvested.

Our new crop of Crimson or Scarlet Clover is certainly the best in cultivation for soiling, hay, pasturage, or seed producing purposes. Opinions from our leading farmers in this section and farther north, establish the fact that it has taken firm hold on American Agriculture, and from present indications will never be supplanted by any other crop.

It is no longer an experiment. We have customers who have used it four years in succession, and increased acreage each year. Per lb., 8 cts.; 10 lbs. 70c.; 100 lbs. \$6.00. Special price on large quantities. Add 10c. per lb. if sent by mail.

SPECIAL GRASS MIXTURES.

We are prepared to furnish seeds adapted to all soils and all situations and for all purposes.

Our best mixture is made entirely with CHOICE RE-CLEANED SEEDS, while in the second quality we use the same seeds, but without re-cleaning, and will be equal to the qualities usually to be had on the market. Our mixtures will have a uniform weight of sixteen pounds to the bushel. Quantity to be used per acre, one and one-half to two bushels, and half this quantity for renovating.

In ordering always state the soil and position on which you wish to use it.

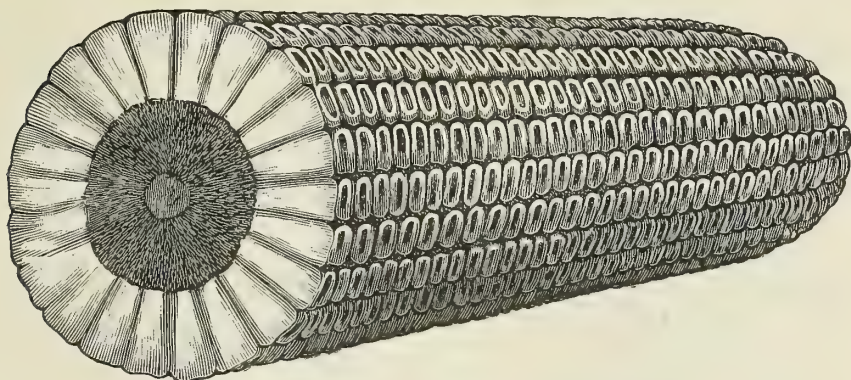
2 bu. Seamless Bags, 20 cts. each. No extra charge for Burlap Bags for 5 bushels or more.

	Per lb.		Per lb.
Mixture for meadows, first quality . .	20c.	Mixture for marshy grounds, 1st quality	18c.
" " " second quality . .	16c.	" " " " 2nd quality	14c.
" " permanent pasture, 1st qual.	20c.	" " sandy and rocky grounds,	
" " " " 2nd qual.	16c.	1st quality	18c.
Mixture for pasture and hay in orchards		Mixture for sandy and rocky grounds,	
and other shady places, 1st quality	20c.	2nd quality	14c.
Mixture for pasture and hay in orchards			
and other shady places, 2nd. quality	16c.		

Special prices on large quantities.

SELECTED SEED CORN.

EXTRA EARLY HURON DENT CORN



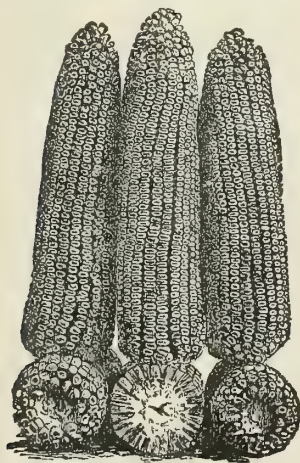
The most perfect shaped ears, economical grain and *earliest Dent Corn in the United States*. This new extra early Huron Dent will ripen in many Northern States where heretofore they have only been able to grow the flint varieties, and *is really the most valuable extra early corn ever introduced*. It is of a bright orange color, has good size stalk and ear, small red cob, long deep grain, is very rich in oil and starch, and is the only smooth, very early Dent corn grained over both ends of the cob, quick, rank strong growth and wonderful productiveness; it heads the list of all other extra early varieties. 50c. peck; \$1.50 bush.

(Two bu. seamless bags 20 cts. each.)

Early Butler Dent—This is one of the earliest dent corn in cultivation, ears of good size, deep grain of beautiful golden color and small cob, 35 cts. pk.; \$1.00 per bu.

King of the Earliest Dent—An early yellow corn, adapted for high latitudes and will mature in 80 to 85 days 35c. pk. \$1.00 bu.

Early Ohio White Cap—Early and very productive, generally two or more good sized ears to the stalk, 35c. pk. \$1.00 bu.



Improved Leaming.

Early Mastadon Dent—The longest grained and largest eared, early dent corn in the world, it will ripen in 100 days and outyield any known variety of dent corn 35 cts. pk.; \$1.00 bu.

Improved Leaming Yellow—Ears of good size, cob red and small, a strong grower and very prolific, a standard variety, 35c. pk \$1.00 bu.

Champion White Pearl—The best white dent corn in cultivation, will ripen in 90 to 100 days, the stalk grows thick and stout, ears of good size, easy to shell, small cob, long grain, and enormously productive 35 cts. pk.; \$1.00 bu.

Hickory King—It is entirely distinct from all other varieties, having the largest grain, with the smallest cob ever introduced in a white corn, the stalks bear two good size ears each, and occasionally three, are never barren, no matter how thin the soil, and both ears are filled full out. A single grain, will completely cover the cob section of an ear broken in half, it both shells and shucks easily, and will make more shelled corn to a given bulk of ears than any other variety, 40c. pk. \$1.20 bu.

Colden Beauty—Beautiful golden color, strong grower of remarkable size, the rows are straight and filled out to the extreme end of the cob, when broken in half the grain will always reach across the cob. 35 cts. pk. \$1.00 bu.

WE SHARPEN, CLEAN AND REPAIR ALL LEADING MAKES OF LAWN MOWERS.

Angel of Midnight—This is an eight rowed long eared Flint variety, pure yellow, very early and great yielder, 50 cts. pk. \$1.50 bu.

King Phillip—Early dark yellow Flint, ears from 10 to 14 inches long and 8 to 12 rowed. 50 cts. pk.; \$1.50 bu.

Sandford White Flint—Grows strong, quick, and rank, large ears 8 to 10 rows, early and a great yielder, 50 cts. pk. \$1.50 bu.

Ensilage Corn—Large White, 90 cts. bu, per bag of 2 bu. \$1.70, 10 bu. lots, 75 cts. bu.

Sweet Corn for Ensilage—Is unsurpassed. 50 cts. pk. \$1.50 bu. 10 bu. lots, \$1.35 bu.

Choice Seed Oats.

(Burlap Bags, 2 to 4 Bushel 10 cts. each.)

Clydesdale or Race Horse—A very early variety, weighing 45 lbs. and over per measured bu. as having yielded from 90 to 100 bu. per acre, 25c. pk. \$1.00 bu.

White Barley—An old, well-known variety, greatly improved. We have secured the finest stock ever had of this desirable variety. Yields enormously, and weighs from 35 to 40 lbs. per measured bu.

Red Rust-Proof—This is the standard oats of the Southern States, yielding large crops when all other sorts were destroyed by rust. It is a large, heavy, reddish looking berry, very prolific.

White, Black also Mixed—Market Price.

Seed Wheat.

Long Berry Red, Fultz, Fulcaster and other varieties—Market Price.

(See our special wheat list issued in June)

Spring Wheat and Barley.

Canada Spring, Northwestern Spring, Fall Barley—Market Price.

Buckwheat.

Japanese—a distinct variety enormously productive, ripens a week earlier than the silver hull and yields three times as much to the acre, the straw is heavier, branches more and does not require to be sowed so thickly as other varieties, 5c. lb.; 20 lbs. 60c.; 100 lbs. \$2.00.

Silver Hull—5c. lb.; 20 lbs. 60c.; 100 lbs. \$2.00.

Common Grey—5c. lb.; 20 lbs. 60c.; 100 lbs. \$2. Subject to Market changes.

Peas.

Canada Field—May be sown in drills or broadcast, are used either green or cut and cured like hay, ½ bu. 85c bu. \$1.50

Cow or Southern Field Peas—Poor sandy land may be greatly improved by plowing under a crop of cow peas, they also make an excellent fodder, pk. 85 cts. ½ bu. \$1.50, bu. \$2.85.

Pigeon Peas—For pigeons, ½ bu. 75 cts. bu. \$1.25.

Broom Corn.

(25 cents a pound by mail post-paid.)

Improved Evergreen—The best for general cultivation, brush firm, of good length and bright green color, lb. 10 cents.

Dwarf—Grows from 3 to 4 feet high, with straight brush, 10 cents lb.

California Golden—A strong growing variety much resembling the evergreen, but longer brush, and a bright golden color when ripe, 10 cents lb.

If larger quantities of the above are wanted write for special prices.

Sorghum or Sugar Cane.

(Twenty cts. per pound by mail.)

Orange Cane—A strong grower, much more juicy than any other variety, the stalk is heavier and a little earlier than the Amber, lb. 5 cents.

Amber Cane—This popular and well-known variety is the earliest and makes the finest quality of both sugar and syrup, lb. 5 cents.

Imphee or Red Top—An old standard sort, and undoubtedly one of the best that has ever been introduced, lb 5 cts.

If larger quantities of the above are wanted, write for special prices.

Rural Branching Sorghum.

(Milo Maize.)

Great forage plant of the South, grows in bush-like form. It throws out new suckers from all the lower joints, and thus produces an enormous amount of excellent forage, (by mail, post-paid, 25 cts. lb.) 10 lbs. \$1.25.

Kaffir Corn.

A new variety of Sorghum, forming low, stocky and erect plants, producing from 2 to 4 heads of grain on each stalk, heads long and narrow, and filled with white grain which are greedily eaten by all farm animals, matures about the middle of October, resists drought like most Sorghums and furnishes excellent fodder, cultivate same as corn, (by mail, post-paid, 25 cts. lb.) 10 lbs. \$1.25.

Teosinte.

In appearance somewhat resembles corn, but the leaves are much longer and broader, the stalk containing much saccharine matter, is very nutritious, it can be cut several times during the season, yielding enormously, if allowed to grow without cutting it will attain a height of 12 to 15 feet. Should not be planted until the soil is perfectly warm in the spring, requires about 4 pounds seed per acre, plant in drills 3 feet apart and two or three seeds every twelve inches in drill. By mail post-paid, 20 cts. oz. \$2.00 lb.

ORDER ONCE AND YOU WILL ALWAYS BUY FROM US

NEW BRONZE OATS.

The Mammoth Cluster.

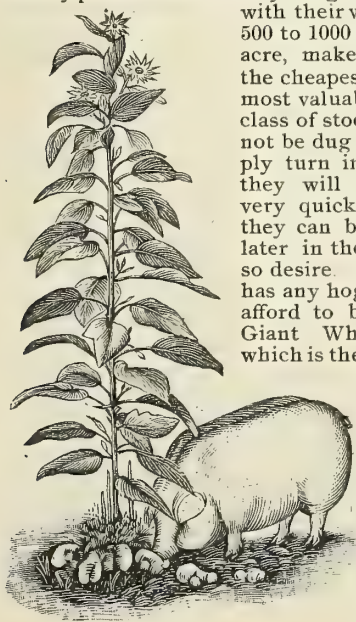
These valuable new oats, now offered for the first time, originated in the great oat growing section of New York, where it was put out last year among twenty of the best farmers for test, just one acre on each farm, this acre to have the same culture as the rest of the field. The three greatest yields were 114, 105 and 104 bushels per acre, respectively, while the average yield for the twenty of these acres was seventy-seven bushels, ten pounds per acre, or twenty-seven bushels more than other kinds grown under similar culture alongside. The few farmers who have grown the "Mammoth Cluster" pronounce it "the best oat introduced in the last decade." The straw is long, very strong and stiff, standing up on any soil. The grain is a beautiful bronze color, growing in clusters upon the head, having a very thin husk, which makes it very desirable for feeding, and weighing from thirty-eight to forty-four pounds per bushel. The largest and finest heads of oats we have ever seen are those of the **Mammoth Cluster**. 20 cts. lb.; $3\frac{1}{4}$ lbs., 60 cts postpaid; peck 35 cts.; bush. 80c.; bag of $2\frac{1}{2}$ bush. \$1.75, sacks included. 10 bush. lots or over, 50 cts. per bush.

ARTICHOKE TUBERS.

GIANT WHITE.—The great food for Hogs. Grown from tubers the same as potatoes, and are the finest food that can be raised for hogs and sheep, as they prefer them to anything.

This, together with their wonderful yield, 500 to 1000 bushels to the acre, makes them by far the cheapest as well as the most valuable feed for this class of stock. They need not be dug in the fall, simply turn in the hogs and they will root them up very quickly. Of course, they can be dug and fed later in the season if you so desire. No farmer who has any hogs or sheep can afford to be without the Giant White Artichoke, which is the heaviest yield-

er and best variety grown. By mail, postpaid, pound, 20c.; 4 pounds 70cts. By express or freight at purchaser's expense, peck 50c.; bushel, \$1.50; barrel of three bushels (enough for one acre) \$4.00.



Vetches or Tares.

This is a plant of the bean family, and grown as a forage crop, the seed is sown broadcast or in drills, using about 2 bushels per acre. It yields large crops of excellent forage, by mail, post-paid, lb. 20c bu. \$3.50.

Wild Rice.

For planting in fish-ponds it is especially desirable, and as an attraction for wild fowls it can not be equalled also does well along the edge of marshes and makes fair hay, sow in the fall or very early spring, will grow in water up to about eight feet, per lb. 30 cts. by mail, post-paid 40 cts.

Miscellaneous Seeds.

(10 cts. lb. extra if sent by mail.)

	per lb.		per lb.
Flax Seed . . .	\$0 10	Black Locust . . .	\$ 35
Cotton Seed . . .	25	Apple Seed . . .	25
Sunflower, Russian 10		Castor Beans . . .	25
Hemp Seed . . .	10		

Seeds for Hedges.

(Ten cents per pound extra if sent by mail.)

Honey Locust—10 cts. oz. 35 cts. lb.

Osage Orange—10 cts. oz. 35 cts. lb.

Directions for Sprouting the Osage Orange.

—Put the seed in a vessel and cover it with water as warm as you can bear your hand in, keep the vessel near the stove, change the water once a day and soak the seed about five days, after which turn off the water and keep the vessel covered with a damp cloth, stir occasionally, and in about one week more, if kept warm, it will begin to start and should then be planted in ground well prepared to receive the seed. Plant in drills, about two inches deep, as soon as the weather will permit. For sale in large or small quantities at the lowest market price.

Peach Pits.

We have for years made the handling of peach pits a specialty, annually securing my stocks from districts entirely free from the yellows, and am prepared to furnish the best. Prices furnished on application.

Bird and Druggists' Seeds.

(10 Cents per pound extra, if sent by mail.)

We constantly carry large stocks of the best seeds, and make a specialty of **Mixed Bird Seeds**, which put up according to the best formula, for the health of the birds, from the cleanest and choicest seeds. To guard against the inferior lots offered for sale, have put it up in sealed pound packages.

	per lb.
Canary Seed (3 lbs. 25 cts.)	\$0 10
Hemp Seed, American	10
Hemp Seed, Russian (3 lbs. 25 cts.) . . .	10
Mixed Bird Seed, in bulk (3 lbs. 25 cts.)	10

	per. lb.
Mixed Bird Seed, in 1 lb. packages . .	10
Millet Seed	5
Rape Seed	10
Maw or Poppy Seed	20
Sunflower Seed, (3 lbs. 25 cts.)	10
Prepared Bird Gravel, package 5 cts. .	
Lettuce Seed	25
Cuttle-Fish Bone	40



	per lb.
Anise Seed	30
Caraway Seed	20
Coriander Seed	25
Celery Seed, for flavoring	30
Fennel Seed	30
Flax Seed (3 lbs. 25 cts.)	10
Flax Seed, crushed	10
Mustard Seed, white	15
Mustard Seed, black	15
Mustard Seed, crushed	20
Quince Seed, (per oz. 25 cts.)	2 50
Water Melon Seed	25
Pumpkin Seed	25
Vetches, for pigeons	10

Mocking Bird Food

For Thrushes, Mockingbirds, Blackbirds, Nightingales, and all soft-billed birds.

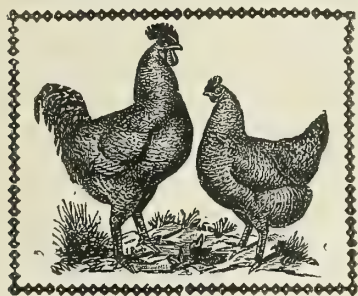
This very superior food for **Mocking Birds** and all long-billed or soft-billed birds has been prepared with the greatest care. Being very dry it will keep in any climate for a considerable length of time, and last longer than the moist food, put up in strong, air tight tin boxes and glass jars with handsomely engraved colored wrappers. Directions for use on each package. **Prepared Mocking Bird Food.** Per package 35 cts.

STOCK AND POULTRY SUPPLIES.

MIXED GRAIN AND SEED FOR POULTRY.

Have prepared a mixture of about ten different sorts, among these are Buckwheat, Hungarian Millet, Wheat, Cracked Corn, Oyster shell, &c. Best food in the market while present stock lasts. Price per bushel, only 50 cents.

ANGLO-AMERICAN POULTRY FOOD.



Is a specially prepared Food for all kinds of laying Fowls, Young Geese, Chicks, Ducks, Turkeys, etc. Special care being paid to the wants of Poultry and Game after a close observation for years of their requirements and habits. Its use renders Poultry raising lucrative, a business that has heretofore been unprofitable owing to the prevalence of Cholera and other diseases. It secures a much larger return from Fowls, and as an egg producer and health preserver it has no equal; it forms bone, muscle, and fine plumage, and Poultry is fitted for the market much earlier by its use, making them the most profitable of stock
1 lb. package, 25 cts.; 6 lb. package, \$1.00.

HAVEN'S CLIMAX CONDITION POWDER.

For Horses, Cattle, Swine or Poultry. Will prevent and cure Gapes and Poultry Cholera. Liberal package, 25 cts., by mail 40 cts.

GROUND OYSTER SHELL.

5 lbs. 15 cts.; 10 lbs. 25 cts.; 100 lbs. \$1.50; 200 lbs. \$2.50.

PURE GROUND BONE.

For Poultry and Cattle, per lb. 5 cts.; per 100 lbs. \$3.50.

SUNFLOWER SEED.

Good Egg producer 5 cents per lb.

ROCK SALT.

For Horses and Cattle, 3 cents lb.

DRINKING FOUNTAIN FOR POULTRY.



Can be filled easily. Water always clean. Chickens can not get drowned in it.
Price, ½ Gallon.....25c
1 Gallon.....40c
2 Gallon.....60c

INTERNATIONAL POULTRY FOOD.

Absolutely pure and highly concentrated. One small feed of this has more medical effect than a very large one of many others. Each box contains 100 feeds. Price per box, 35 cents.

INTERNATIONAL STOCK FOOD.

Cures and prevents disease in Horses, Cattle, Hogs, Sheep, etc. Insures health and rapid growth for all young stock. A peculiar combination of medicinal ingredients makes this a superior and safe food for stock, Boxes containing 150 feeds, 50 cents:

CHINA NEST EGGS.

For setting and laying hens. 6 cts. each. 40 cts. per doz.; 3 cts. each or 25 cts. per doz. extra by mail.

COTTON SEED MEAL.

The most economical article for feeding stock now known. The demand for it is in excess of the supply; about three-fourths of our entire product going to Europe, where necessity compels the most rigid economy in the purchase of feed. This alone is sufficient evidence of its high value. From a chemical analysis made for the American Agriculturist, shows the milk producing properties contained in different articles of feed.

Being 40 per cent more than Linseed Meal and nearly three times as much as Bran and Mill feed, and five times more than Corn and Oats. Fed to dairy cattle the yield of milk is largely increased, and twenty to twenty-five per cent more cream or butter is obtained. All who have used it attest to these facts.

In addition to its value as a milk producer it contains of flesh and fat producing properties from twenty-five to fifty per cent more than other feeds. It is rich in ammonia, and the most valuable manure is obtained from its use.

DIRECTIONS FOR FEEDING. Milch cows and fattening cattle, mix with other feed, beginning for each animal with one pint at a feed, increasing gradually for a week or ten days, to two quarts at each feed. Fattening hogs one quart. Horses one-half pint every other day. Sheep one-half pint. Price subject to change. Per bag of 100 lbs. \$1.25. Five bag lots, per bag, \$1.20. Per ton, \$22.00.

LINSEED OR OIL CAKE MEAL.

(OLD PROCESS.)

That of all feeding substances, Oil Cake Meal stands at the head. To farmers it is especially valuable. It is a great flesh former, milk and butter producer, and on fair test will prove to be an economical cattle food. Prices subject to change. Price per 100 lb. bag, \$1.30, per ton, \$24.00.

Make Your Home Cheerful and Comfortable by planting a few of our Beautiful Flowering Bulbs.

FERTILIZERS.

The benefits arising from the use of Commercial Fertilizers are too well-known, and their value too well established to require any arguments or explanations.

The ingredients of the best Fertilizers are—**Phosphoric Acid, Ammonia and Potash**, all in an available form, and the honest manufacturers put only the best and most suitable materials in their goods, discarding those that give a high commercial value at the expense of real worth to the land, and avoid thereby, stimulating but not feeding the crop successfully. Our experience of **twenty years** in the business as manufacturers agent of **High Grade Fertilizers** and my facilities for obtaining material of the first-class, enables us to offer the highest grade of goods to be found anywhere, and when we go into a neighborhood, all our customers are our reference after the first crop. The following goods are in great demand.



GAME GUANO.

5 lbs. 25 cts., 25 lbs. \$1.00, 50 lbs. \$1.50,
100 lbs. \$2.50, bag or bbl. 200 lbs. \$4.00,
per ton \$35.00.

Analysis.

Available Phosphoric Acid	8.00 to 10.00	pr ct
Total " " "	10.00 " 13.00	"
Ammonia Available,	2.50 " 3.50	"
Potash soluble in water	2.00 " 3.00	"

For all Grain crops, and especially good for Spring crops and Vegetables, owing to its ammonia and potash. This grade is best adapted to Wheat seeded on Corn land, also for grass following wheat.

"B. G." AMMONIATED BONE PHOSPHATE.

Bag or bbl. per 200 lbs. \$3.25, per ton \$30.00

Analysis.

Available Phosphoric Acid	7.00 to 9.00	pr ct
Total " " "	9.00 " 12.00	"
Ammonia Available,	1.50 " 2.50	"
Potash, soluble in water	2.00 " 3.00	"

For Wheat, Corn, Oats, Rye and Buckwheat

LAND PLASTER.

Per bbl. about 300 lbs. \$1.50

DISSOLVED BONE PHOSPHATE & POTASH.

Bag or bbl. 200 lbs. \$3.00, per ton \$28.00

Analysis.

Available Phosphoric Acid 11.00 to 14.00 pr ct

Total " " " 13.00 " 17.00 "

Potash, soluble in water, 2.00 " 3.00 "

For Wheat, Oats, Rye and Fall Crops.

FERTILIZER FOR POT PLANTS.

The Excelsior. A Great Success. Makes Plants Grow and Bloom Luxuriantly.

It is used by dissolving a teaspoonful to a pint of water and applying to the soil every few weeks. It starts the plants at once into a healthy and vigorous growth and abundant bloom.

Package about 8 ounces 15 cts

Two Packages 25 cts

By mail, post-paid, 10 cts. a package extra.

Per dozen \$1.20

In addition to the above first-class goods have **Pure Raw Bone Meal and Acidulated Bone** Also other Fertilizers on application.

LAWN FERTILIZER OR DRESSING.

To produce a rich, luxuriant, and lasting growth of beautiful dark-green grass, use my Lawn Dressing. It is quick in action, its effect being seen immediately after the first rain. It acts energetically on the unfolding leaves, goes directly to the roots, stimulates them to activity, and causes the grass to thicken. A firm growth follows, which remains green, luxuriant, and velvety for the whole season. Stable manure is very unsightly, gives an unpleasant odor, disfigures the lawn, and contains weeds and other foreign seeds. The dressing should be applied in winter or spring, and sown broadcast on a damp day, or just before a rain. 10 lb. 50 cents, 25 lb. \$1.00, 50 lb. \$1.75 100 lb. \$3.00.

If large quantities of Seeds are wanted send your list for estimate cost.

SEND FOR ESTIMATES ON LARGE ORDERS.

PURE BONE MEAL.

Our Bone Meal is ground fine, and is of great value mixed with soil for potting purposes, for which one part of meal to 10 of soil is about the right proportion. It is invaluable for top-dressing lawns. 5 lbs. 30c.; 10 lbs. 50c.; 30 lbs. \$1; 50 lbs. \$1.50; 100 lbs. \$2.25; bag of 200 lbs. \$3.75.

NITRATE OF SODA.

This is valuable solely for the nitrogen it contains, equal to 20 per cent of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is valuable for grain, fodder, corn, sugar beets, potatoes, grasses, peas, beans, clover, etc., and is generally an effectual remedy for clover sick land.

Being extremely soluble it should not be applied until the plants are above ground, when 100 to 150 pounds per acre, mixed with land plaster, for convenience in applying, is generally used. Per lb. 5c.; per 100 lbs. \$4.

INSECTICIDES.

Full Directions on All Packages. Descriptive Circulars on Application.

Hammond's Grape Dust

Is a Preparation to Kill the Destructive Mildew that strikes the grape vine, affecting leaves, fruit and stems in unfavorable seasons, also for like use upon any other plant or trees affected with mildew or rust mites, lb. 10 cts. 5 lbs. 35 cts. 10 lbs. 60 cts., 100 lbs. \$5, by mail 25 cts. lb.



TRADE MARK.

Kills Caterpillars, Currant, Gooseberry and Cabbage Worms, Potato, Melon, Squash and Cucumber Bugs, Rose Slugs, Rose Lice.

Price, 1 lb. packages 10 cts., 5 lb. packages 30 cts., 10 lb. packages 50 cts. Put up in barrels of 225 to 250 lbs., in bulk 4 cts. lb.

Flour of Sulphur.

For the prevention of Mildew. Lb. 10c; 10 lbs. 65c. By mail 25c. lb.

Hellebore (*White Powdered.*)

For destroying Rose Slugs, Currant Worms, etc. $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., 1 lb. 40c. By mail 15 c. lb. extra.

KAINIT, POTASH SALTS.

Kainit is a natural product of the mine, containing nearly 13 per cent pure Potash in the most available form for plant food. It also contains Sulphate and Chloride of Magnesia, Sulphate of Lime and Salt. All of recognized value as fertilizers. Kainit is applicable to all cultivated crops, improving the quality as well as the quantity. Put up in bags 200 lbs. each. Price, single bag, \$2.60 per bag; 5 bags or more, \$2.40 per bag or \$21 per ton. Use 200 to 400 lbs. per acre. For small grain, drill in, for cultivated crops plow under.

COTTON SEED MEAL FERTILIZER.

The value of Cotton Seed Meal as a fertilizer, while not so extensively known, is well established, and its use for this purpose is yearly becoming more extended. In many of the New England States it is largely used, while the sugar growers of Louisiana are adopting it to the exclusion of all other fertilizers.

Per 100 lb. bag \$1.25; per ton \$22.

FIR TREE OIL.

Soluble insecticide effectually destroying all kinds of pests to which plants are subject. Equally effective on animals, and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Per qt. \$1.25, pint 75c.; $\frac{1}{2}$ pint 50c.; small bottle 25c. Liquid Insecticides can not be sent by mail.

FLOUR OF TOBACCO AND SULPHUR.

Will prevent and cure mildew on grapevines and rose bushes. It will destroy the Green and Black Fly, Grubs, Cut-worms, Lice, Mealy Bug and the Red Spider. May be applied in powder or liquid form. If put on in powder the foliage should be wet, if in liquid the foliage should be dry. Per lb. 15c., 2 lbs. 25c., 5 lbs. 50c. By mail 15c. lb. extra.

Tobacco Stems.—Used for fumigating plants to kill insects. 10c. lb., 10 lbs. 50c., \$1 bbl. By mail 15c. lb. extra.

PERSIAN INSECT POWDER.

(*Pyrethrum Roseum.*)

For destroying roaches, ants, fleas and other insects. $\frac{1}{4}$ lb. 15c. 1 lb. 55c. By mail 15c. lb. extra.

WHALE OIL SOAP.

Makes an excellent wash for trees and plants, kills insects and eggs on the bark. 1 lb. 15c., (by mail 30c.) 5 lbs. 60c.

PARIS GREEN.

Warranted pure, $\frac{1}{4}$ lb. 10c., $\frac{1}{2}$ lb. 20c., 1 lb. 30c.

Special price on large quantity.

IMPLEMENTS, ETC.

Improved Switzerland Seed Sower.

Will sow at least three times as fast as by hand, and with more ease, being very light, weighing less than one pound. The method of operation consists in a succession of semi-circular swings from right to left,



and vice versa. it will sow Timothy 18 feet wide, clover 30 feet wide. With it the difficulty of sowing in wind is to a great extent overcome, the best sower in the world for the money, price \$1.25, 6 for \$7.

Well's Grass Seed Sower.

This Seed Sower is 10 feet long and works with a slide, price \$2.00,

New Goshen Seed Sower.



Has been greatly improved, will sow all kind of grain and seed to your perfect satisfaction, price \$1.75, 4 for \$6.00.

The Cahoon Seed Sower.



The difficulty in sowing is entirely overcome by the use of the Cahoon Broadcast Seed Sower which can be handled with ease by an entirely inexperienced person and will sow much more evenly than can

possibly be sown by hand, price \$3.50, 3 for \$10.00.

The Garden King Cultivator.

As a Hand Plow, Hand Hoe, Seed Coverer, Marker or Hiller is unequalled. It is the only tool made with a plow on one side and a cultivator on the other, so that any kind of work can be done by simply reversing or turning the tool over which is a convenience and a great saving of time. It is the only tool made with the handles attached to the axle of the wheel. The wheel being high (23 in.) brings the power applied against instead of down on the axle as in the small wheel tools or those on which the handles attach to a frame. These advantages alone make the "Garden King Cultivator" run one half easier than other tools. It is the only tool made in which the handles can be adjusted to any person without the use of a wrench. With the exception of the handles the "Garden King" is made entirely of wrought iron and steel- Price, \$3.75.

Thistle or Weed Cutter.



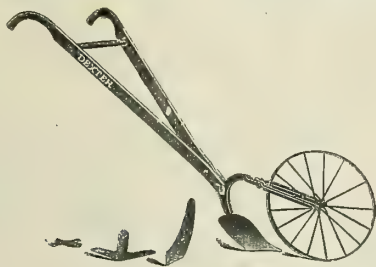
For cutting thistles, dock or other weeds out of lawns or gardens. With this tool they can be cut up by the roots without breaking the surface of the lawn. Price, Thistle Cutter with foot rest, 60 cts., without foot rest 50 cts.

The new Planet, Jr., Hill Dropping Drill is the most complete machine in its line ever offered.

WE OFFER NOTHING BUT WHAT WE BELIEVE TO BE GOOD.

The Dexter Garden Plow.

This cultivator is the perfection of all labor saving implements in working plants in the garden. Every person who has a



garden should have one. A boy of 10 years can keep a garden in perfect order, working the plants more perfectly with one of these Cultivators than a grown man can with a common hoe. Shipping weight 15 pounds. price \$2.75.

Ida Moore Garden Plow, Single Handle . . \$2.50

The Little Giant 14 Tooth Harrow.

This is the most complete and perfect tool of the kind in the market, combining, as it does, a Field Cultivator and Garden Harrow and Pulverizer. They are so arranged that one end is the Cultivator and Pulver-



izer while the other end is the Harrow. By a very simple device the slant of the teeth can be made a Perfect Smoothing Harrow, it has fourteen $\frac{5}{8} \times \frac{7}{8}$ diamond teeth drawn to a cutting edge on one end. Plain \$5.00, with lever attachments \$6.00.

Syracuse Steel Frame Cultivators.

The longest and stiffest frame made, side and cross bars in one piece, no bolted corners to get loose and shaky, side shifting handles, great improvement over all others, points reversible, including wing points, wings can be changed to throw more or less earth to or from the crop, stays in hard ground when others fail, thousands in use.



No. 5—Five Points, without Wheel \$4 00

No. 6— " " with " " 5 00

No. 7— " " Shovel and wing points, without Wheel . 5 25

No. 8—Five Points, Shovel and Wing Points, with Wheel 6 00

No. 20—Plain Cultivator, Five Points, without Wheel 3 75

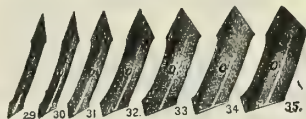
Regular Points, Nos. 29, 30, 31
or 32 10c

Regular Points, Nos. 33, 34
or 35 15

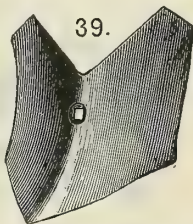
Shovel Point, 39 25

Wing Points, Nos. 40 or 41 30

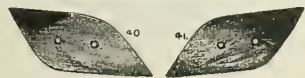
Steel Cultivator Points.



1 1½ 2 2½ 3 3½ 4 in.



7 in. Shovel



Right.

Left.

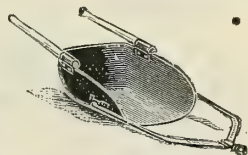
Columbus Solid Steel Scraper, Best in Use.

No. 1—Carries 7 feet of earth \$6 00

No. 2— " 5 " " 5 50

No. 3— " 3 " " 5 00

Runners for either size, 50 cts. Extra.



St. Louis Steel Scraper, (with chain).

The bottom being solid steel and well tempered, the sides are of wood and bound with iron, the back of scraper is of wood and is held in place by two long iron rods provided with nuts to tighten up any looseness that might be caused by swelling and shrinking, price \$4.00.

Herbert Patent Horse Poke.

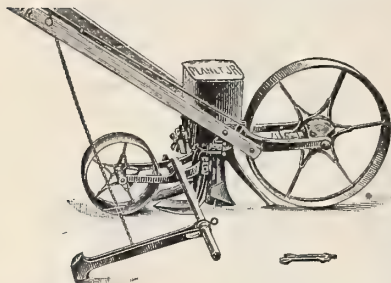
Adjustable to fit any horse—You do not have to keep a half dozen sizes in stock. It does not prevent a horse from eating, but does prevent a horse from getting over the fence. Price, \$1.00.

“PLANET JR.” GARDEN TOOLS.

Space will not permit illustrating and describing all of the “Planet Jr.” tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. “Planet Jr.” goods are standard machines and the best on the market. In sending your orders to us you can rely on getting bottom prices.

The New “Planet Jr.” No. 3 Hill Dropping Drill.

SOWS EITHER IN HILLS OR CONTINUOUS ROW.



Until recently there was no such thing as a Hill Dropping Seeder, the most modern Drills sowing continuously only, but the demand for a machine that could be adjusted to sow in hills was very great.

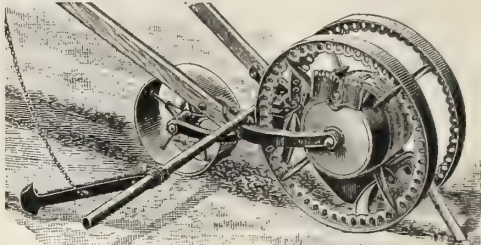
This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will drop neatly in hills, either four, six, eight, twelve or twenty-four inches apart. It opens the furrow, drops in hills or drills, covers, rolls down and marks the next row, all at one operation. The hopper holds three quarts. The wheel is thirteen inches high. It is changed in a moment from hill dropping to drill work. It has a force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seed, such as radish, cabbage, etc. The plow is adjustable and opens a very narrow furrow, which is a great advantage for after cultivation.

Price, \$9.00.

The “Planet Jr.” No. 2 Seed Drill.

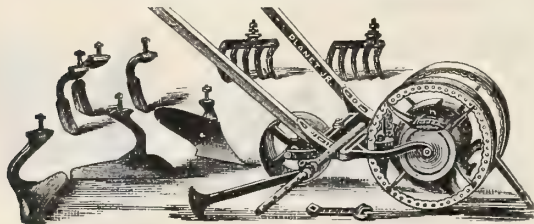
This tool is used the world over, and, with the exception of our Hill Dropping Drill, is the most perfect drill known. It holds two and one-half quarts.

The sowing cylinder is a drum of spring brass, set between the driving wheels. Around this drum is a brass band, drawn tight to the drum by a cam which joins the ends. In both drum and band are corresponding diamond shaped discharge openings; by loosening the cam and sliding the outer band, the discharge may be regulated to suit any kind or thickness of seed. The opening plow, being directly between the wheels, follows all irregularities of the ground, is adjustable and once set opens the furrow at a uniform depth, and the seeds are deposited in a very narrow line. The machine is extremely simple; having no agitators, belts or gearing, the seed can not be injured.



Price, \$6.50.

The “Planet Jr.” Combined Drill and Wheel Hoe.



This is the most popular combined tool known, and its friends have been gained by substantial merit alone. It won the highest and only award at the Chicago Exposition. As a seed sower it is identical with the No. 2 “Planet Jr.” Drill, except in size, and has all its merits, its strength, durability, ease of operation and perfection of work.

This combined tool has a complete set of cultivating tools, and all its operations are rapid, easy, perfect and delightful. When used as a Drill the seed is sown with great regularity and at uniform depth, regulated at pleasure. The hopper holds one quart. From a Drill it

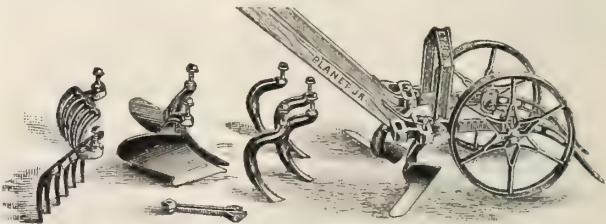
is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be instantly attached. In short, every purchaser of this machine will find it an excellent seed sower; a first class double wheel hoe for use when plants are small; a first class single wheel hoe; and excellent furrower; an admirable wheel cultivator; a capital garden rake; a rapid and efficient wheel garden plow; and that it is without an equal in variety of tools, easy adjustment, lightness and strength. Price, \$9.00.

The “Planet Jr.” Double Wheel Hoe.

Thousands of farmers and gardeners who own this tool save its cost one or more times every year, for in an onion field and among many other crops, one can do more and better work with it than six men with ordinary hoes. It is invaluable for all market garden crops. The wheels are only ten inches high, as a high wheel is wrong for a Wheel Hoe, since the wheels are simply depth regulators, not load carriers.

The “Planet Jr.” Double Wheel Hoe will straddle plants eighteen inches high, and finish rows from six to eighteen inches apart at one passage. The tool is charming in every style and kind of work, the admiration of all who see it in operation and is the acknowledged standard the world over. Price \$6.00.

To accommodate those who have little work but hoeing, we offer the above machine with hoes only under the name of “Planet Jr.” Plain Double Wheel Hoe, at \$3.50.



The "Planet Jr." Single Wheel Hoe.



This Wheel Hoe is considerably lighter than the Double, but does almost the same variety of work, being used mostly between the rows, yet it can be used to hoe both sides at once, while plants are small, by placing the wheel at one side of the frame. All rows from six to eighteen inches apart can be hoed at one passage. The frame is quickly raised or lowered to regulate depth; and the wheel has an extra broad face. It is pronounced by practical men without an equal in design and finish, ease of operation, variety of adjustment and perfection of work, and we feel confident that everyone who tries this tool will be glad he did so. **Price, \$4.50.** To supply a demand for a cheap **Single Wheel Hoe**,

we offer the machine, with the hoes only, at **\$2.75.**

The "Fire-Fly" Single Wheel Hoe, Cultivator and Plow.

This popular tool is exactly the same as the "Planet Jr." Single Wheel Hoe, excepting that it does not have the rakes or leaf lifter. **Price, \$3 75.**

The Fire-Fly Wheel Garden Plow.

This tool is invaluable for those who have small gardens. The moldboard is tempered and polished steel. The depth may be changed very quickly. **Price, \$2.00.**

The "Planet Jr." No. 8 Horse Hoe.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

For 1896 we offer important improvements in our No. 8 "Planet Jr." Horse Hoe and Cultivator, as described below:

The Standards are framed up hollow with round throats of stiff steel; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it.

The Depth is under perfect control by means of a new lever wheel, and the new patented depth regulator, which are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator.

The Expander. This is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions.

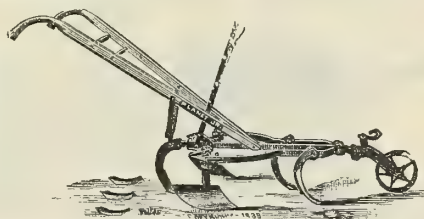
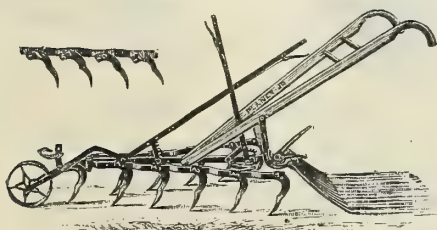
Handle and Braces.—These are also absolutely new and the most effective and stiff combination known, at once making the tool rigid, yet allowing every adjustment of handles in height and sidewise.

Every part is perfected to make the tool acceptable to the intelligent farmer; he knows the best is always the cheapest. **Price, \$7.75.**

The "Planet Jr." No. 5 Horse Hoe.

This tool is similar to the No. 8 Horse Hoe, but it has a plain wheel instead of one operated by a convenient lever. It has the same standards and teeth, but is made in other respects like the popular 1895 pattern. It does not have the improved depth regulator and the expander and braces of No. 8, yet it is strong and serviceable and will give full satisfaction. Has an excellent expander and handles adjustable, both perpendicularly and sidewise. **Price, \$6.75.**

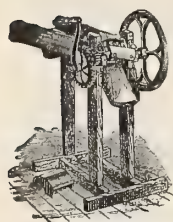
The "Planet Jr." 12-Tooth Harrow.



This comparatively new tool has rapidly grown into favor. It is carefully made and finished, has a high frame and the chisel-shape teeth cut an inch wide each, and may be worn down three inches before that width is lessened or the teeth worn out; even then they are cheaply replaced.

The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, expands to 32 inches. It cultivates deep or shallow without throwing earth upon the plants. **Price, Plain, \$5.00. With Wheel, \$6.25. Complete, \$7.50.**

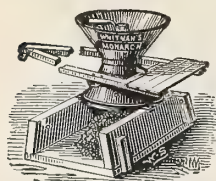
Sinclair's Patent Hay, Straw and Fodder Cutter.



These celebrated machines are universally acknowledged to be the best now manufactured for cutting Hay, Straw, Fodder, Corn Stalks, Sugar Cane, etc. For strength, durability and efficiency, they have no equal. Have no delicate springs or complicated machinery to get out of order, but are easy and simple to work, and can be operated by anyone of intelligence. Over 80,000 in use. Best in the world.

	Mfrs. Price.	My Special Cash Price.
6 inch, capacity about 100 bushels per hour	\$16 00	\$9 00
8 1/2 " " " 175 " " "	29 00	14 50
9 " " " 250 " " "	34 00	20 00
11 inch, capacity about 300 bushel per hour	38 00	22 50
15 " " " 600 " " "	55 00	35 00
No. 1 Masticator, " 150 " " "	45 00	26 00
No. 2 1/2 " " 600 " " "	85 00	50 00
Sandford Straw Cutters , one of the best Standard Cutters in use,		\$6 00
Moon's Patent Lever Cutter		4 00
All Right Lever Straw and Fodder Cutter		6 00
Champion Section Self Feed Cutter		10 00

Improved Monarch Corn and Cob Mills.



The Monarch Corn and Cob Mill has in the past year proven a popular candidate for public favor. It is fitted with our celebrated Cast Steel grinders and force feed. The grinding parts—**Corn, Shell and Rings**—have a double force feed and shear cut, which carries the grain rapidly through the mill, also greatly assists in grinding corn with shuck. They are warranted to grind faster, wear longer and run easier than any mills of this class. Grind small grain and make family meal superior to any other. Special net price, \$25.00.

Reliable Corn Sheller.

Best and easiest running sheller in the market. Separates the corn from the cobs. Is a right hand sheller, with cob delivery at end. Guaranteed equal to any sheller in the market. The **Reliable** is made in two sizes—one and two hole. The two hole is of the same general appearance as the one-hole shown on cut.

The one hole can be furnished with or without fan, or feed table as desired. All two-hole shellers are furnished with crank, pulley and feed table, and can be furnished with or without fan.

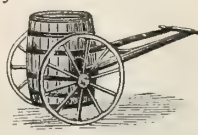
1 Hole sheller without Fan	\$6.50	2 Hole sheller without fan	\$14.
1 " " with " "	8.00	2 " " with " "	\$15.



Hand Push Carts.

Carts of this kind are growing into popular favor daily, painters, carpenters, bill-posters, masons, etc., find that they are ahead of anything else for carrying tools and light material, farmers, too, use them to good advantage about the orchard or garden, box easily adjusted.

No. 1—Body 40x23 in., 10 in. deep	\$7 00
No. 2—" 32x20 " 9 " " " " " " "	6 00
No. 4—With third wheel, body 40x23	
10 in. deep	7 50
No. 7—With strong springs, body 40x23	
10 in. deep	7 50



Barrel Cart.

Complete, without barrel, \$5.00.

Clipper Seed and Grain Mills.

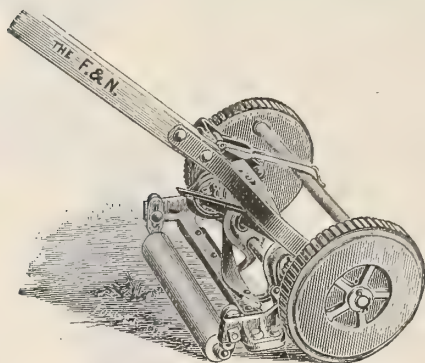
These mills are especially adapted for cleaning Grain, Clover and Timothy Seed No. 1, for Grain and Clover, \$22. Descriptive circulars and prices for larger sizes, for either hand or power, sent on application.

Eureka Fan Mill.

This is a first-class mill in every particular, and as a general purpose farm mill for grain or seed can not be equaled. Price, \$26.00.

THE F. & N. LAWN MOWER.

The F. & N. is the latest in style, combining the most valuable improvements, which are fully covered by letters patent, and wherever introduced has at once taken the lead.



In construction only the best material is used, regardless of expense, in order to get the greatest strength and durability possible.

The ease with which the "F. & N." adapts itself to uneven ground and cuts up or down a bank or terrace without changing the position of the handle is due to the fact that the power is applied at the center of the traction wheels.

The size of the traction wheels is $8\frac{1}{4}$ inches, and the diameter of the reel 5 inches, which gives the greatest driving power with the least amount of draft.

The Ratchet is strong noiseless, and positive acting. It is completely housed up, and no dirt or grass can get in to obstruct it.

The Pinion is made of cast steel, which is a great improvement, as it will last much longer than grey iron.

The Spiral to the knives of the reel is so arranged as to give a continuous cut to the mower, consequently it does smooth work leaving the lawn smooth and velvety.

One of the Greatest Points of superiority the "F. & N." has over every other mower is the simple, exact, and rapid manner with which the stationary and revolving knives can be brought together or adjusted. Both the journal bearings and the lower knife are adjusted by the slightest turning of a bolt, so that all wear for years may be taken up.

Guaranteed in every respect—Needs only to be seen to be appreciated. Have used one on my own lawn past three seasons, and my workmen say "It is the best and easiest running Mower made." They know by experience having used many makes. **Price within the reach of all.**

SPECIAL NET PRICES.

12 inch	\$3 75	16 inch	\$4 50	20 inch	\$6 00
14 inch	4 00	18 inch	5 00		

The Genuine Philadelphia Lawn Mower.

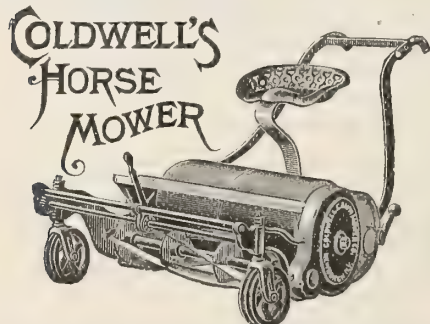
We warrant them to run easy and to be as durable, and to be capable of Cutting as High Grass as any lawn mower made.

SPECIAL NET PRICES.

12 inch . . .	\$4 75	16 inch . . .	\$6 00
14 inch . . .	5 25	18 inch . . .	6 75
		20 inch . . .	\$7 50

The Coldwell Horse Lawn Mower.

Is the result of over twenty years experience in the manufacture and sale of Mowers, which with our newly-organized company, new Plant, tools, machinery, patterns, new improvements and patents, we are now enabled to place upon the market the most perfect Lawn Mower ever made.



Revolving Cutter Knives.—Made of the very best cast steel, extra heavy. **Shafts**—Made of the best steel, with split composition bushings to take up the wear, and keep the adjustment perfect. **Gears.**—Are cut so they give the greatest amount of wear, with the least amount of friction. **Adjustment**—is simple and perfect. **Castor Rollers.**—Which will not mark the lawn. **Side Draft Attachment.**—To enable the horse to walk in the cut grass only. **Evenness of Cut.**—Is secured by an adjustment which raises and lowers the two sides at the same time, by means of a simple lever attachment. The same lever movement serves the purpose of raising the knives from the ground when driving over gravel walks or roads. **Every Mower**—Is guaranteed and thoroughly tested and accurately adjusted before it is packed, and full directions for setting up and care of machine are packed in each box.

	Mfrs Price	Our Cash Price.
30 inches, with seat and shafts.	\$110 00	\$60 00

ALL OUR LAWN MOWERS GUARANTEED IN EVERY PARTICULAR.

THE "CHIEF" HORSE LAWN MOWER.

Can Be Operated Readily by Hand.

30-Inch Cut.

10-Inch Traction Wheels.

This Mower is used in our principal Parks and cemeteries. The draft with the horse is the same as when operated with handle. Positively no tipping up with rear of the Mower.

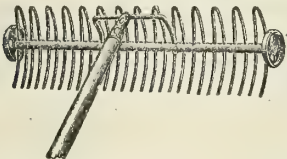
PRICE, Complete - - \$17 00

LAWN SUPPLIES.

EVERYTHING NECESSARY TO MAKE A PERFECT LAWN.

Lawn Rakes.

Champion Lawn Rake.



Champion, with Wheels, 28 teeth.....	\$0.75
“ without Wheels, 24 teeth.....	.50
Davis Wire, one of the best.....	.60
Gem Wire.....	.45
Wooden, 20 teeth, strong and light.....	.30
Eureka.....	.60

SCYTHES—Bush or Weed.....	\$0.75
SCYTHES, Crown Jewel—cast steel..	.75
SCYTHE STONES -Flat.....	.05
SCYTHE SNATHS—the best.....	.75
Grass Hooks—English 50c. American	.30
HAND GRASS SHEARS.....	.50

Superior Lawn Mower Oil.

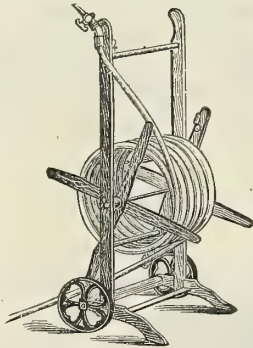
This is a handy can holding half a pint, filled with fine oil manufactured expressly for Lawn Mowers, Bicycles, etc. 20 cts. per can.

Lawn Roller.

In two sections, the best.



Weight about 250 lbs.
Special price, \$10.00.
Roller, Two Horse,
two sections, 8 feet
long. Weight can be
increased by loading.
\$22.00.



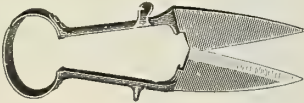
Hose Reel and Hose.

Rubber Hose Piping	
in 50 ft. lengths,	
3/4 in. 3 ply,	
per ft.....	\$0.12
3/4 in. 4 ply,	
per ft.....	\$0.16
Hose Reel.....	1.00
Patent Hose	
Nozzle.....	.65
Hose Menders,	
6c. each,	
per doz.....	.60

Powers Grass Catcher.

(Patented July 29, 1890.)

Fits any Lawn Mower. Gathers all the grass. Leaves the lawn smooth and velvety. It can be adjusted to any machine in a moment. The Catcher is made of heavy Duck, and can be packed into very small space for shipment as it folds together. In ordering give the size of mower on which you intend to use the catcher. Price, \$1.00.

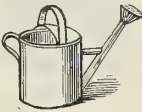


Hand Grass or Border Shears.

Price..... 50 cents.

Sprinkling Cans, Tin.

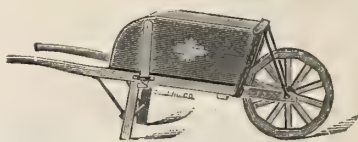
2 qts. 30c., 4 qts. 40c., 6 qts.	
50c., 8 qts. 85c. Galvanized	
6 qts. 65c., 8 qts. 85c.	



Renovate your lawns with our Emerald or City Park Lawn Grass Seed. For description see page 54. Our Lawn Fertilizer is just the thing to make the grass grow. See page 63.

Garden Wheel Barrow. — (Strongest Barrow Made)

These Barrows are made of thoroughly seasoned wood, with double frames, firmly bolted together, iron braced, and so constructed, that by simply removing one bolt (the axle) and two nuts, they can be folded flat down, and shipped at lowest rate of freight. A moment's time only is required to set up one for use.

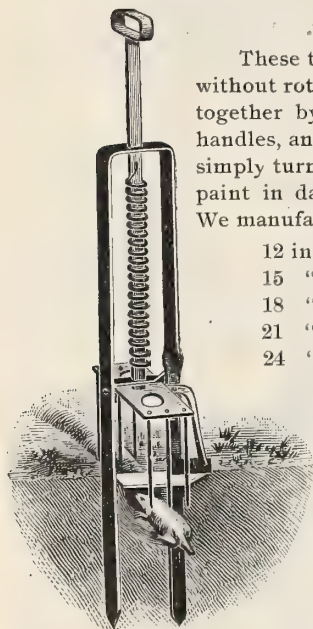


No. 2, \$3.00—No. 3, \$3.25—No. 4, \$3.75. With Steel Wheel, 50 cts. extra.	
Pan American Railroad Barrow, steel tray, steel wheel	\$4 00
Railroad Barrows, bolted, patent wheel	1 75
Stone Barrows, straight handle	3 00
“ “ bent handle	3 50
Tublar Steel Tray Barrow	6 00
Boys' Garden Barrow	2 50

Columbia Flower Tubs.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape, held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handle. We furnish these tubs in a heavy oil paint in dark wine color or in green, highly finished and varnished. We manufacture them in five sizes, as follows:

12 inch diameter by 11 inches high	\$1 00
15 “ “ “ 14 “ “	1 50
18 “ “ “ 16½ “ “	2 00
21 “ “ “ 18½ “ “	2 50
24 “ “ “ 20½ “ “	3:00



The Reddick Mole Trap.

All the old traps boiled down to a better one at one-third the old price. No mole can pass under it and live. Price, \$1.00.

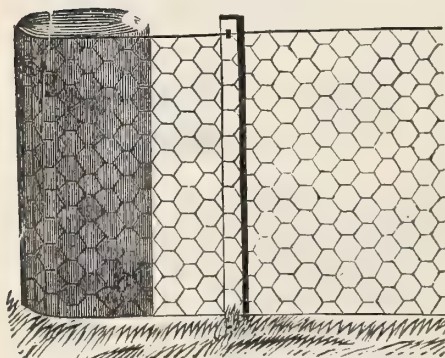
Galvanized Wire Netting.

The best thing for making poultry yards. Better looking and cheaper than laths, and permits more light and air to enter.

24 in. wide, per bale of 150 lineal feet . . .	\$3 00
30 “ “ “ “ “	3 75
36 “ “ “ “ “	4 50
48 “ “ “ “ “	6 00
60 “ “ “ “ “	7 50

Any required length cut from above sizes at 1½ cents per square foot.

Prices Subject to Market Changes.



WAYNESVILLE, O, May 31, 1892.

DEAR SIRS—I hand you draft for the Garden King Hand Cultivator. It is a success and does good and satisfactory work, and where the ground is reasonably smooth and mellow it is a pleasure to use it and runs with ease.

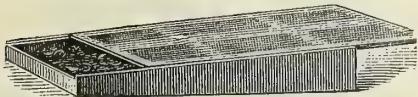
Respectfully, J. H. MORGAN.

Do not use Stable Manure or Rich Soil if you wish to prevent weeds in your lawn, but use our Lawn Fertilizer.

HAVE YOU LOOKED OVER OUR LIST OF FIELD CORN?

Plant Bed Cloth.

Valuable for forwarding and protecting early plants from frosts, covering hot-beds and frames in spring in lieu of glass, and for throwing over bedding plants at night



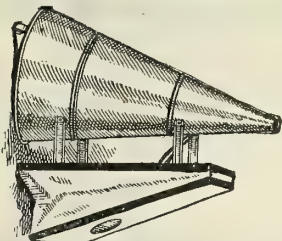
in fall, for Chrysanthemum houses, etc., at one-tenth the cost of glass, pieces contain from 40 to 60 yards.

Heavy Grade, per yd. 12c. by piece, per yd 11c.

Medium Grade, best for general purposes, per yd. 10 cts. by piece per yd. 9 cts.

Light Grade, mostly used in South for tobacco plants, per yd. 6 cts., by piece, per yd. 5 cts.

Bee Smokers



Perfection Cold Blast 75 cts.

Perfection Muzzle Feeder, \$1.25.

Binghams, small size 50 cts. standard 75 cts. extra standard \$1.00, large \$1.25.

By mail, post-paid 25 cts. each extra.

Bee Sections, $4\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{8}$ or $1\frac{3}{4}$ per 100, 60c.

" " per crate of 500 sections \$2.75.

" " per 1,000 sections . . . \$4.00

Bee Veil, Ideal, 75 cts.

" " globe \$1.00.

Rubber Gloves, per pair \$1.40, ex. heavy \$2.00.

Carriage Sponges, 25 to 75 cts.

Chamois Skin, 25 to 75 cts.

Black Castile Harness Soap, 25 cts. per cake.

Dandy Horse Brushes, 25 to 45 cts.

"Bristle" " 35 to 85 cts.

Cane Stakes, 5 to 7 feet long useful for plant stakes, per 100 60 cts., per 500 \$2.50.

Cane Stakes large, for staking beans, etc., per doz. 15 cts., per 100 \$1.00.

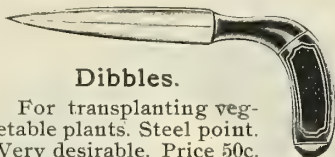
Standard Flower Pots and Saucers,

FLOWER POTS.

	each.	doz.	per 100.
2 in.	\$0.02	\$0.20	\$1.25
3 "	.02	.25	1.50
4 "	.03	.25	2.00
5 "	.04	.45	3.00
6 "	.06	.60	4.50
7 "	.08	.90	7.00
8 "	.12	1.20	10.00
9 "	.17	1.70	13.00
10 "	.25	2.50	
12 "	.50	5.00	

SAUCERS.

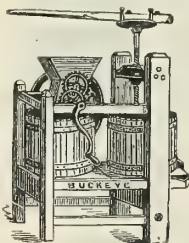
	each.	doz.	per 100.
4 in.	\$0.03	\$0.25	\$1.75
5 "	.03	.30	2.50
6 "	.04	.35	2.75
7 "	.05	.45	3.50
8 "	.07	.60	4.50
9 "	.10	.85	6.50
10 "	.10	1.00	
12 "	.15	1.50	



Dibbles.

For transplanting vegetable plants. Steel point. Very desirable. Price 50c.

Latest Improved Buckeye Cider Mill



The strongest neat-est and most durable cider mill on the market.

Junior, small size, \$12 50

Senior, large size, \$18 00

I. X. L. Cider Mills, Medium . . . \$15 00

I. X. L. Cider Mills, Senior . . . \$18 00

Small Store Truck, heavy frame and well ironed, price reduced \$2.50

Columbus Bag or Barrel Truck . . \$ 3 00

No. 4, Heavy Store Truck . . . 8 00

Grain Truck . . 4 wheels . . 13 00

Seed Warehouse Truck 4 wheels 13 00

Truck and Bag Holder Combined 4 50

Mosher's Patent Bag Holder . . 4 50

Whips—we carry a large stock of best quality, 20 cts. to \$2.00.

Wire Flower Pot Stands.



The stands are most desirable either for house hold use or for conservatories and other purposes. They are elegantly made, painted a beautiful green, mounted on casters, and finished with gold bronze, making them very attractive and ornamental.

No. 1 Oblong Stand.—20 in. high, 24 in. long, 9 $\frac{1}{2}$ in. wide. Special cash price \$2.50

No. 2 Oblong Stand.—24 in. high, 28 in. long, 10 $\frac{1}{2}$ in. wide. Special cash price \$3.00

No. 3 Square Stand.—With two shelves, 32 in. high, 32 in. long. Special cash price 3.50



Jumbo Powder Gun, 20c
Cyclone " " 15c

Powder Gun.

EUREKA HARNESS OIL.

For oiling, blackening and preserving the leather of harness, carriage tops, etc. One-half pint 20c., pint 30c.



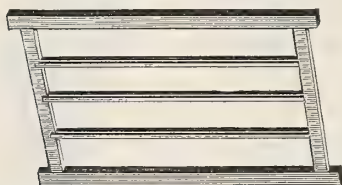
Eureka
Harness Oil.

Insect Powder Bellows.



The best made for Slung Shot, Hellebore Insect Powder, etc. 50c., 75c., \$1 and \$1.25.

Hot Bed Sash.



These sash are made from strictly **Clear Cypress Lumber**, and warranted perfect. White lead used on the tenons, and iron dowell pins at the corners. They are practically indestructible, and you can not afford to use any other.

- No. 1—3x6 feet, 3 rows, 10 inch, glass;
\$1.75 each. \$17 per dozen.
No. 2—3 ft. 2 in. x 6 ft, 4 rows, 8 inch, glass;
\$1.85 each. \$19 per dozen.
No. 3—4x6 feet, 5 rows, 8 inch, glass;
\$2.00 each. \$21 per dozen.

Water's Improved Tree Pruner



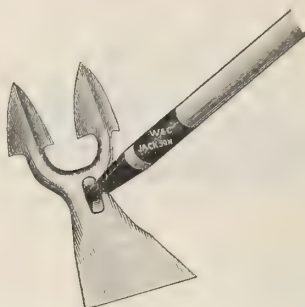
It weighs less, costs less, will last longer, reach higher, work easier, do more and better work than anything ever before used for pruning, it must be seen to be appreciated.

- 4 ft. \$1.35 8 ft. \$1.75.
6 ft. \$1.60 10 ft. \$2.00.
12 ft. . . \$2.25.

Extra Knives, 30 cts. each.

- Telegraph Tree Pruner \$1 35
Red Clipper Pruning Shears \$2 50

Acme Weeding Hoe.



The strongest and best weeding hoe, commanded a large sale last season; it will prove of general utility for field or garden purposes, and will gain favor by use. Price, 60c.

The Bowman Hand Garden Cultivator.

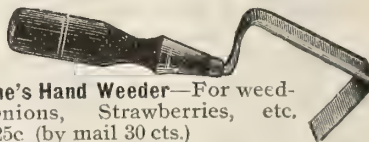
This Cultivator is designed for the cultivation of all kinds of garden vegetables, and may be used successfully as a potato digger, it saves two-thirds of the time and labor over ordinary hand hoeing, and leaves



the ground in much better condition for the growth of the crop. This implement fills perfectly the wants of those who have small gardens, as the work is so easy, quickly and thoroughly done, that gardening will become a pleasure, price, 70c.



Excelsior Hand Weeder
Excellent for use in flower gardens price 15c. (by mail 25c.)



Hazeltine's Hand Weeder—For weeding Onions, Strawberries, etc. price, 25c (by mail 30 cts.)



Trowels, Garden.
English pattern, forged, solid shank,

- 5 inch 50c, 6 inch 60c.
Trowels, Garden, American pattern, 5 inch 10c., 6 inch 15c., 7 inch 20c.
Transplanter, 6 inch, 15c.

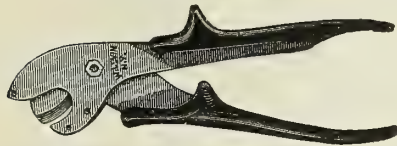
For Splendid Collection of Pansies use J. Chas. McCullough's Mixture.



Onion Hoe.

Standard Socket Garden Hoe, Cast Steel....40c
Ladies' Light Garden, Cast Steel.....30c
Onion Hoe, Steel Blades, one end square,
other end two prongs.....30c

Levin Pruner.



Strongest, simplest and easiest working
Hand Pruner in the world. Price \$1.



**Isbell Mole
Trap.**

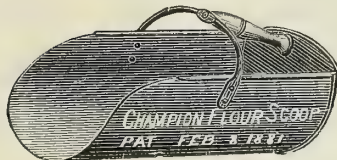
One of the
very best in
use. When
properly set,
never allows
the mole to
escape and
no skill is re-
quired in set-
ting....\$1.75



**Pruning
Shears.**

Hand. Best.
8 in....\$1.25
9 in...\$1.50

Steel Scoop.



Hercules, one-half bushel.....\$2 00
Champion.....90



Rakes, Garden Steel.....8 tooth 30 cts., 10 tooth 40 cts.
" " ".....12 " 45 " 14 " 50 "
" " ".....16 " 70 "

Digging or Spading Forks.....\$ 90
Hay Fork, Two-tine, Oval Long Handle.....40
" " " " ".....50
Manure Forks, Cast Steel Oval, Long or Short Handle, 4-tine 50 cts., 5-tine.....75
Spades, Ames', Solid Steel.....1 25
" Steel.....75
Shovels, Steel, Square Point.....1 10

Lenox Knapsack Sprayer.

(22 Quarts.)
For Garden,
Field, Grape
and Small
Fruit Culture.

\$3.50.

**ONE
MAN
DOES**

the work of
12 and need
not stoop
down



Spray as fast as you walk. No waste
whatever. Spray stops by releasing the
pressure of the thumb. No machinery to
get out of order. Simple as your milk can.
Has an agitator on the left side to stir the
liquid. Costs less than all others. Never
rusts. Never out of order. Adjustable to
man or boy. To spray trees and vines turn
nozzle up. We recommend it to be the best
and cheapest one on the market. Price,
\$3.50.

Blue Grass Stripper.

King's Patent.

The only Hand Blue Grass Stripper in
the market, is well made, nicely painted
and varnished, a man can strip 20 bushels
of seed per day with it, weighs 4 pounds,
price \$1.50.

Our Emerald or City Park Lawn Grass Seed Will Make a Good Lawn the First Season.

Floral Sets.



These sets are composed of three tools— a hoe, spade and rake. They are not toys, but serviceable, durable tools, well finished. The hoe and spade have forged steel blades, brightly polished. The rake is of malleable iron of the latest and most improved pattern. Price per set, \$1.

Solid Steel Turf Edger, Handled. For trimming edges of grass, borders, walks, etc. Price, 50 cts.

RAFFEA.

For tying plants. The best, ready for use. Per lb. 30c. By mail, 40c.

LABELS.

Wooden, for pots, plain, 4 in., per 100, 10c.; per 1,000, 90c.; 5 in., per 100, 15c.; per 1,000, \$1; 6 in., per 100, 20c.; per 1,000, \$1.50.

Painted, 4 in., per 100, 15c.; per 1,000, \$1; 5 in., per 100, 20c.; per 1,000, \$1.50.

GRAFTING WAX.

Per ¼ lb. bar, 15c.; ½ lb. bar, 25c.; 1 lb. bar, 35c. By mail, add 15c. per lb.

GARDEN LINES.

Best Braided, 200 feet, \$1.25; 100 feet, 65c.

GARDEN REEL.

Wrought Iron, 90c.

KNIVES.

Pruning—English, \$1.25 to \$1.75 each.

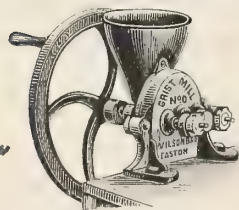
Budding—Each, \$1.25 to \$1.75.

PRUNING SAWS.

Double edge, 16 inch, 60c.; 18 inch, 75c.

Sphagnum Moss—For packing and growing orchids, per bbl. \$1.00, per bale \$2.00.

Moss—Green sheet, for lining wire hanging baskets, per bale 40c.



WILSON'S BONE MILL.

No. 1, for grinding dry bones, shells, grain and many other substances for poultry. Price, without legs \$5, with legs \$7.

DAISY BONE MILL

For grinding green bone \$15.00.

RUBBER PLANT SPRINKLERS.



For sprinkling cut flowers, seedlings, clothes, etc. Small size 50c., large size \$1.

Postage 10c. each extra.

Cleves' Angle Trowel.

THE NEW HANDY DIGGER.



This Trowel is one solid piece of steel— shank and blade. It is well made and is warranted not to pull out of the handle, and will not fall to pieces or get out of shape with a few days' work. It was originally intended for digging plantains from lawns, its strong, angular form being specially adapted to prying and twisting, but it was found to be equally advantageous for florists' and amateurs' use in general garden work. No. 1, 8 in. blade, 35c.; No. 2, 7 in. blade, 30c.; No. 3, 5 in. blade, 25c.

SHINING LIGHT AXLE GREASE.

This is the best grease for buggies, wagons, mowers, reapers, etc. Adapted for all lubricating purposes on light or heavy work. It will wear longer and make a wagon pull easier than any other grease in the market. It is also an excellent preparation for all sores on man or beast. As a hoof ointment it has no equal. 1 lb. box, 10c.; 3½ lb. pails, 25c.; 10 lb. bucket, 70c.; 15 lb. bucket, 90c.

Seed Tryers, steel pointed, pocket with cap..... \$1 00
Seed Tryers, for sampling wheat, oats, etc. 1 25
Seed Tryers, large, for sampling orchard grass, blue grass, etc..... 1 50
Webb Halters, best quality, 35c. each, 3 for 1 00
Jute Rope Halters, 15c. each.... per doz. 1 25
Jute Cattle Ties, 15c. each..... per doz. 1 25
Trot Lines, per ball..... 25
Wagon Jack, Miller, the best, strongest, and most convenient Wagon Jack made..... 1 00
Wagon Jack, Lansing..... 50

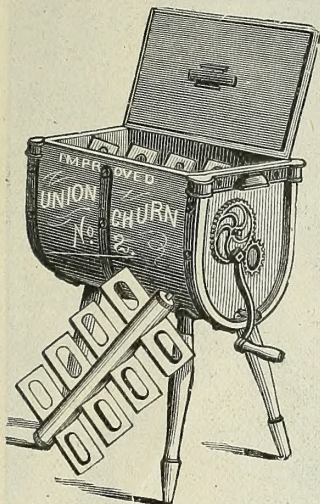
RUBBER PUTTY BULB.



Excellent for glazing, a pressure with the hand ejects the putty along the sash bars, makes tight and neat joint, does not daub the glass nor stick to the hands. Each \$1. By mail \$1.10.

Rubber Putty Bulb.

EXCELSIOR ODORLESS FERTILIZER FOR POT PLANTS.



THE IMPROVED UNION CHURN.

It is made with a heavy stave bottom, supported by strong hoops, with patent adjustable fastenings, ventilating cover, thermometer for testing temperature of cream, gear wheels to increase the motion of the double-acting dasher, which creates four distinct counter currents of cream at every revolution. The inside irons are all tinned to prevent rusting, and the churn has no projections inside, being easy to clean. For strength, durability, neatness, adjustability, ease of operating and rapid, thorough work, it has no equal.

No. 1, holds 5 gallons.....	\$4 00
" 2, " 7 "	4 25
" 3, " 10 "	5 00

DASH CHURNS.

Made of ash, varnished, hoops painted red, with improved patent dasher.

No. 0, holds 8 gallons.....	\$ 80
" 1, " 5 "	1 00
" 2, " 7 "	1 25

THE HERO BAIL CHURN.

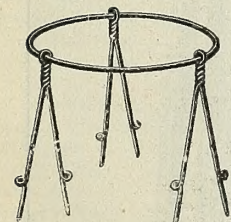
It is constructed of select quartered white oak. It has no rim to obstruct the opening in the head, thus giving free access to the full size of barrel. The hooks and projecting parts are made of galvanized malleable iron that will not rust or break. The forged steel bails afford convenient handles for carrying or removing the churn. The cover is fastened by our patent eccentric knuckle. It has no equal on the market for convenience, ease of operation and positive lock.



No. 0, holds 6 gallons, churns 3 gallons.....	\$3 50
" 1, " 10 " " 4 "	4 00
" 2, " 15 " " 7 "	4 25

SELF CLOSING TOMATO VINE SUPPORT

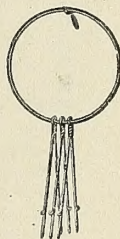
PATENTED MAR. 13TH 1894.



READY FOR USE

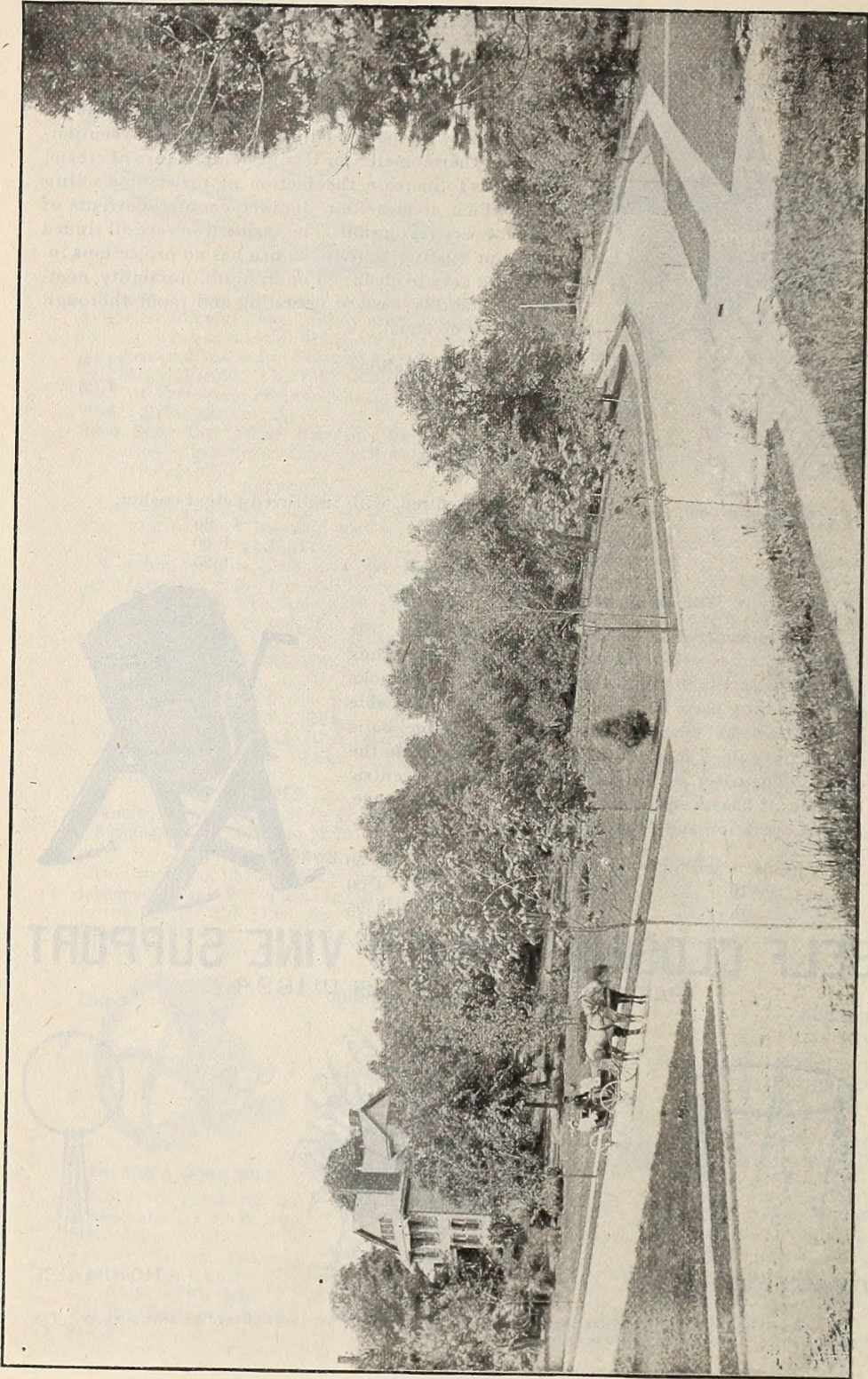


IN USE

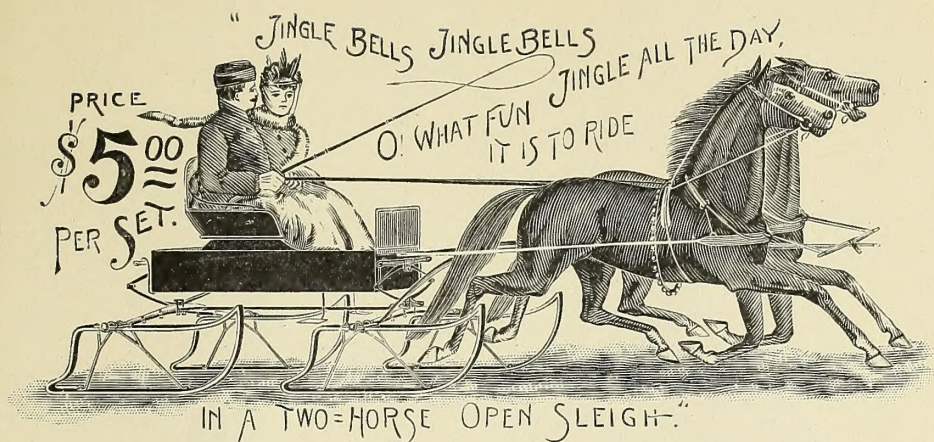


NOT IN USE

As will be seen by the illustration this is the most practical device ever offered for this purpose. Try them. Price 15 cents each; \$1.50 per dozen.



VIEW AT McCULLOUGH STATION.—RESIDENCE J. CHAS. McCULLOUGH.



Bob Runners for Surreys and Heavy Vehicles \$6.00 per set of four.

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CRIMSON OR SCARLET CLOVER.

One of our reliable customers, and the largest tobacco grower in America, after a thorough test of CRIMSON CLOVER over four years, says :

“The past season I have had in 250 acres of CRIMSON CLOVER, and intend increasing the acreage this year. There is nothing superior for preparing tobacco lands.”

Our price is very low; every good farmer should try it. For description, see page 58.